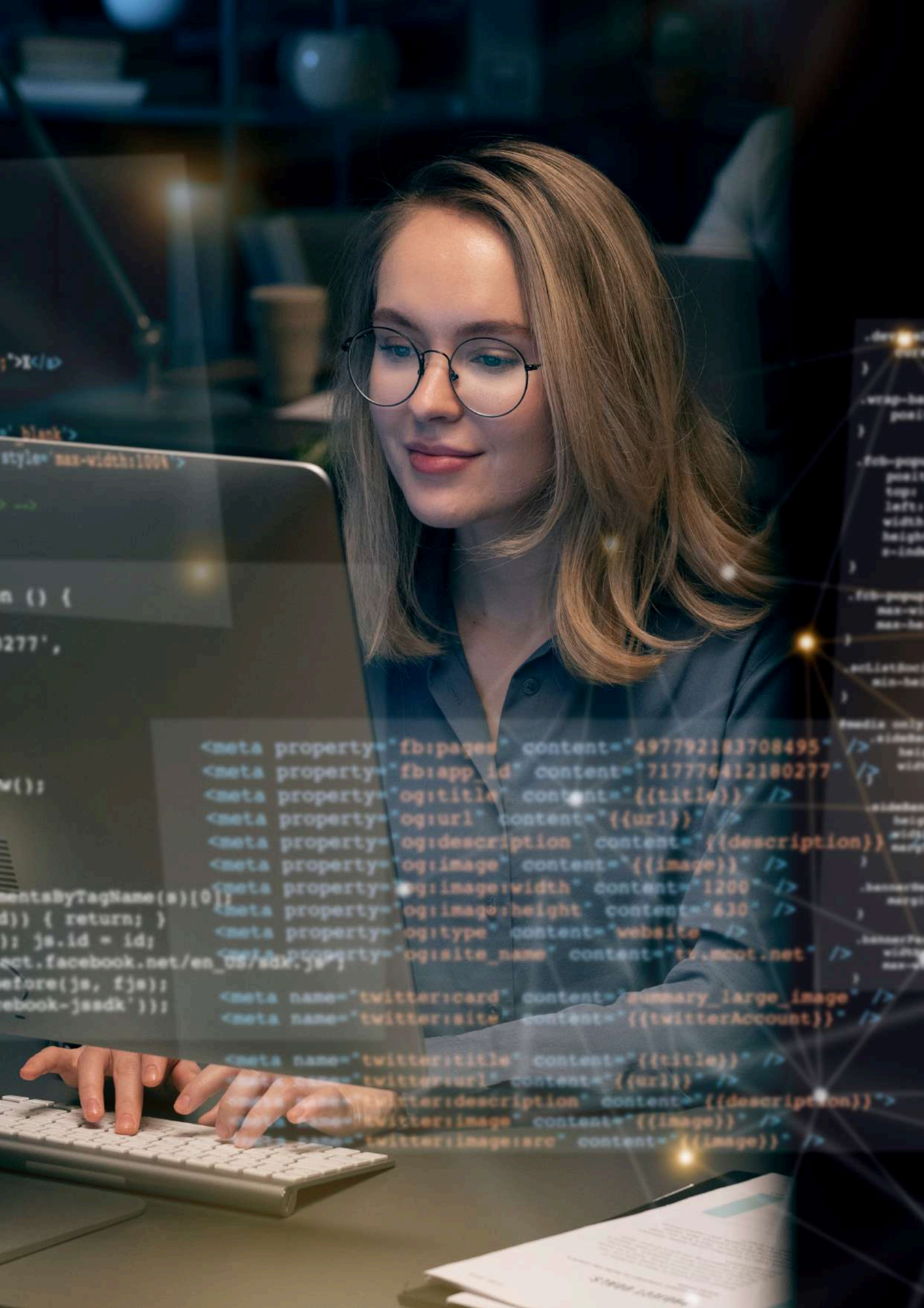
NEW YORK COLLEGE
THE INTERNATIONAL COLLEGE OF GREECE

NEXT LEVEL YOU

SCHOOL OF **INFORMATICS**

We have
the Algorithm
to Succeed...

ISSUE 03 | 2024-2025



Intro

A WELCOME ADDRESS BY THE SCHOOL HEAD

Welcome to the School of Informatics at New York College of Greece.

The significance of informatics as a scientific field is in its transdisciplinarity, through which it has become an inseparable part of everyday life. We cannot imagine businesses, healthcare or even day-to-day life without information and communication technologies. Due to the shortage of experts in the field of informatics and communication technologies, the demand of computing scientists is enormous.

New York College aims to guide students in acquiring the subject knowledge and intellectual and cognitive skills in order to succeed as professionals and to encourage independence of thought. To achieve this aim, we encourage students to be active in their acquisition of knowledge and work on projects that meet business needs. The course team brings together highly experienced Software Engineering practitioners, instructors and researchers with a diverse range of interests and expertise.

In seeking to fulfil the school's mission to empower and develop our students, we endeavour to provide students with a quality programme of study which is underpinned by employability, and has a regional, national and international focus.

It is my pleasure to welcome you to this stage of your education and I trust that you will find your experience here at New York College both rewarding and enjoyable.

Dr. Anastasios Liapakis, Post-doc, Ph.D., MBA, MSc, BSc
Head of Informatics Department

NEW YORK COLLEGE
THE INTERNATIONAL COLLEGE OF GREECE

School of Informatics

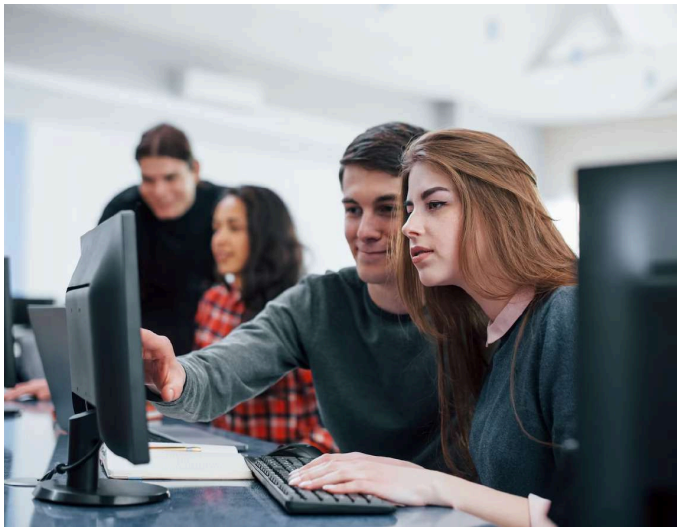
New York College's School of Informatics, in collaboration with recognized state universities in the United Kingdom and the United States, offers high quality studies with an emphasis on practical application.

The applications for the optimization of business processes and operations through Information Systems in all business sectors, without exception, are a main driver of competitive advantage. In response to this demand, New York College offers Bachelor's and Master's degrees in cutting-edge technology specializations in the areas of Computer Science, Computer Networks and Internet and Web Applications.

In the same direction, New York College has been certified by CISCO SYSTEMS as a Cisco Networking Academy and offers its students the opportunity to refine their skills in network management and security.

The Students Club of New York College has an active interest in creating and carrying out specialized projects, related to the field of Computer Science: Students are encouraged by the New York College Department of Student Affairs to participate in these workgroups, in order to gain experience and useful skills for their personal and professional development.

Graduates of Informatics can work in computer systems programming, software engineering, network support and management, database design and management, systems analysis and control, web design, etc.



Aerial view of the central administration building of the STATE UNIVERSITY OF NEW YORK in Albany, NY c.1980

STATE UNIVERSITY OF NEW YORK- Empire State University U.S.A.

35 YEARS OF STABLE UNIVERSITY COOPERATION!

New York College Educational Group has completed 35 years of stable cooperation with the STATE UNIVERSITY OF NEW YORK, the largest university in the US, for the conduct of its university programs in Greece.

Our students in Athens and Thessaloniki acquire an authentic Bachelor's degree from the American STATE UNIVERSITY OF NEW YORK - Empire State University, with the international recognition and the global prestige of the academic educational system!

The STATE UNIVERSITY OF NEW YORK is the largest university in the United States, with 64 campuses and 400,000 students. Empire State College is one of the 64 colleges and universities of the STATE UNIVERSITY OF NEW YORK with approximately 20,000 students each year.
STATE UNIVERSITY OF NEW YORK- Empire State University (SUNY-ESU) offers fully accredited undergraduate and graduate programs, as well as professional degrees. Founded in 1971, it is internationally renowned for its flexible and innovative programs.

The Department of International Programs at STATE UNIVERSITY OF NEW YORK - ESU collaborates with educational institutions around the world to serve undergraduate students.
Students participate in classroom and online courses in Athens, Thessaloniki and Prague (Czech Republic).

SCHOOL OF INFORMATICS

Undergraduate

BS Computer Science

The 4-year (124 US credits) Bachelor's program which is offered in collaboration with the State University of New York/Empire State University represents a great opportunity for students to receive high quality training by following the American standards in education.

During the first half of their studies, students will be able to attend several general education courses, as well as courses offering foundation knowledge, across a wide range of subjects.

During the second half of their studies, they will be attending courses that will enhance the already acquired knowledge and will enable them to specialize in their preferred concentration.

University
of Bolton

UNIVERSITY OF BOLTON- Greater Manchester, U.K.

The UNIVERSITY OF BOLTON has its roots in one of the first engineering training institutions in Britain in 1824. The University's long-standing, centuries-old and multi-dimensional links with Industry, enable it to offer a large number of professionally recognized programs accredited by the relevant professional bodies.

Top performance of the UNIVERSITY OF BOLTON in the British Universities ranking, according to the Guardian for 2024. In the 30 best universities in the UK!

According to the Guardian (Best UK Universities 2024 – rankings), το UNIVERSITY OF BOLTON is ranked among the 30 best universities in the UK. Recently, the BBC highlighted the UNIVERSITY OF BOLTON as a model for UK Universities, regarding its operating standards for student safety from the Covid-19 pandemic and the UK Education Secretary Michelle Donelan, from the floor of the House of Commons, referred to the "amazing work the University is doing". New York College has a franchise agreement under the Greek Ministry of Education legislation and the degree you will receive at the end of your studies is awarded by the University itself.

SCHOOL OF INFORMATICS

University of Bolton
GREATER MANCHESTER

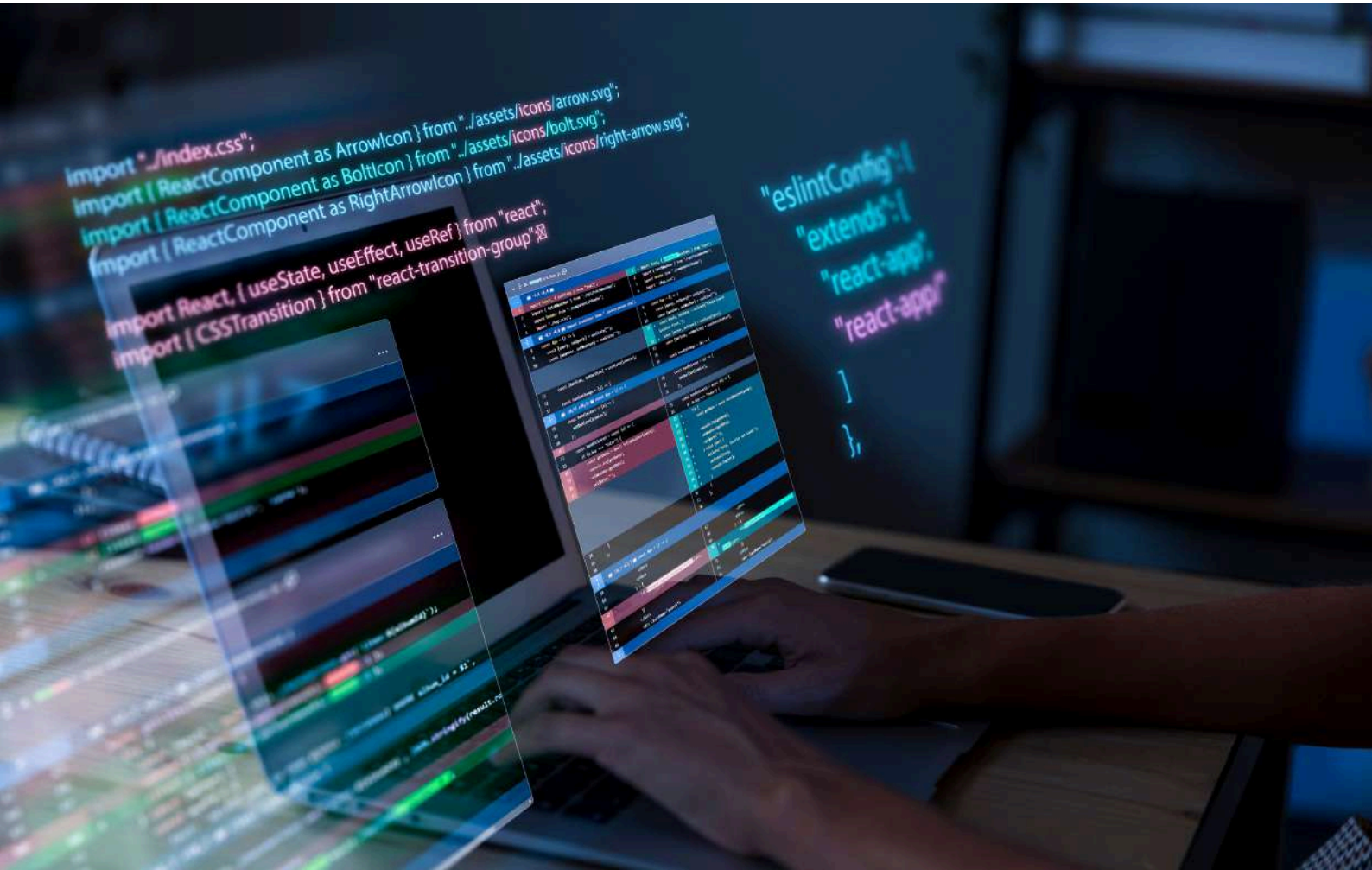
Undergraduate

BSc (Hons) in Computing

The BSc (Hons) Computing program from the British State University of Bolton - Greater Manchester, offered entirely at NEW YORK COLLEGE in Greece, provides specialized pathways in Artificial Intelligence, Application Development, and Data Analytics. Each pathway is designed to equip you with cutting-edge skills and knowledge, ensuring your success in the ever-evolving IT industry. Embark on your journey to a successful career with a degree from a prestigious UK university, delivered right here in Greece!

The IT industry stands as a major global employer, offering a wide array of career opportunities. Whether your passion lies in application development, networking, cybersecurity, big data analytics, autonomous systems, or artificial intelligence, there's a path for you. Additionally, the sector offers numerous roles in vocational education and training.

At the University of Bolton - Greater Manchester, our graduates are well-prepared to pursue advanced studies at the master's and doctoral levels. With the industry's rapid growth, the demand for professionals with hands-on experience and up-to-date IT skills is on the rise. This positions our graduates with a distinct competitive edge in the job market.



SCHOOL OF INFORMATICS

University of Bolton
GREATER MANCHESTER

Undergraduate

BSc (Hons) in Computing (Cyber Security)

Studying for a degree in Computing at New York College enables you to specialize in Cyber Security and become a highly sought-after professional in the most advanced industry in the world. The principal aims of the programme are to provide students with a broad education in Cyber Security and Digital Forensics.
All courses equip students to adapt and learn new skills as the computer industry evolves throughout their careers and prepare them for success in employment or postgraduate study.

The computing industry is a major employer worldwide. Opportunities are diverse and range from Software Production, Networking and Cyber Security to Big Data analytics and Autonomous Systems and Artificial Intelligence, also in teaching in further and higher education, and further studies including Master and PhD research. The number of opportunities is growing and employers are looking for graduates with real-life vocational experience, and computing skills underpinned by learning, which is where University of Bolton graduates have the edge.

SCHOOL OF INFORMATICS

University of Bolton
GREATER MANCHESTER

Graduate

MSc in Data Analytics and Technologies

The University of Bolton- Greater Manchester, offers a comprehensive MSc in Data Analytics and Technologies with studies at New York College, providing you with the opportunity to master the latest methodologies and techniques for managing and analyzing large volumes of data. This program delves deeply into real-time Data Science, equipping you with the skills needed to navigate and excel in this dynamic field.

Designed in collaboration with industry partners, our curriculum ensures that you not only acquire technical expertise but also gain a profound understanding of the ethical issues pertinent to your future professional endeavors. The program is meticulously structured to prepare you for a successful postgraduate career by fostering advanced intellectual skills in research, critical thinking, composition, and innovation. Additionally, it emphasizes the development of essential competencies such as teamwork and academic writing. Upon completing this specialized postgraduate program, graduates will be well-positioned to pursue outstanding career opportunities across a diverse array of roles within the cutting-edge field of information technology.

Informatics School
Research, Highlights and Activities

Success Research Stories

A paper by the Scientific Team of New York College Athens has been accepted for presentation at one of the largest Operational Research Conferences, the 33rd European Conference on Operational Research, which will be held at the Technical University of Denmark, Copenhagen from 30/06/2024 to 03/07/2024. Congratulations to Dr Anastasios Liapakis, Academic Head of the College's School of Computing and PhD Candidate Apostolos Mouzakitis, for their paper entitled: Managerial Econophysics Unveiled: a Comprehensive Literature Review on the Amalgamation of Business Process Management (BPM) and Information Entropy Analysis.

Dr. Anastasios Liapakis, Head of the Informatics Dept. at NYC College, presented his Research Paper entitled: Artificial Intelligence and New Technologies in Education 5.0, in the 16th International Conference of Education, Research and Innovation, one of the leading conferences in educational research, that was held in Seville Spain, from 13-15/11/2023.

Dr. Anastasios Liapakis, Head of the Informatics Dept. at NYC College, presented his notable research entitled: Artificial Intelligence Techniques and Digital Technologies in Education: The Greek Case, in the 4th International Webinar on AI, ML, Data Science and Robotics.

IMPORTANT DISTINCTION FOR A STUDENT OF NEW YORK COLLEGE AT THE CONFERENCE ORGANIZED BY THE ECONOMIC UNIVERSITY OF ATHENS

New York College is proud to announce the participation and presentation of the paper AI-Driven Data Analysis in ESG for Decision-Making by student Justine Claire Desepeda at the 20th Conference on Management Science & Technology of the Athens University of Economics and Business, under the supervision of Dr. Anastasios Liapakis, Academic Head of the NYC School of Computer Science. Justine's work received special recognition for its quality, originality and contribution to the field of Technology.

From all of us at New York College, congratulations!

TOP DISTINCTION FOR NEW YORK COLLEGE COMPUTER SCIENCE GRADUATES FROM THE BRITISH COMPUTER SOCIETY (BCS)

On 15/9/2023, three (3) New York College graduates from the affiliated British University of Bolton, received the Distinguished IT Graduates Award - based on their GPA, from the British Computer Society (BCS) the international body of IT Scientists and Professionals, which awards the prestigious Chartered IT Professional status.

Many congratulations to the NYC graduates:
- Vasilios Gousetis, BSc (Hons) Computing (Data Analyst)
- Theresa Avedissian, BSc (Hons) Computing (Data Analyst)
- Alexis - Nicolas Pomares Di Geronimo, BSc (Hons) Computing (Application Development).

The BCS Hellenic Digital Excellence event was held at the Ministry of Digital Government and Dr. Anastasios Liapakis, Academic Head of the School of Computer Science at New York College, gave a welcome address as a member of the BCS.

Lecture by Manpower GR (Tech Dept.) to the students of the MSc Data Analytics & Technologies at New York College.

During the event, HR Consultants skilled in the field of IT presented techniques for creating tech portfolios, interview tips, and tips for developing an effective Linkedin profile. At the end of the talk, students were informed about open jobs in their field.

Latest cutting-edge lecture from the "Ministry of Testing" to the students of the School of Computer Science at New York College

During the event, expert SW Testing Engineers presented important topics and techniques in the field of software testing, with practical tips, techniques and suggestions for improving the testing process and software quality.
We express our sincere thanks to Ministry of Testing for the excellent presentation and collaboration.

The leading AI company in Greece "Omilia" visited New York College Athens and talked to students of the School of Computing, aiming at their immediate professional employment.

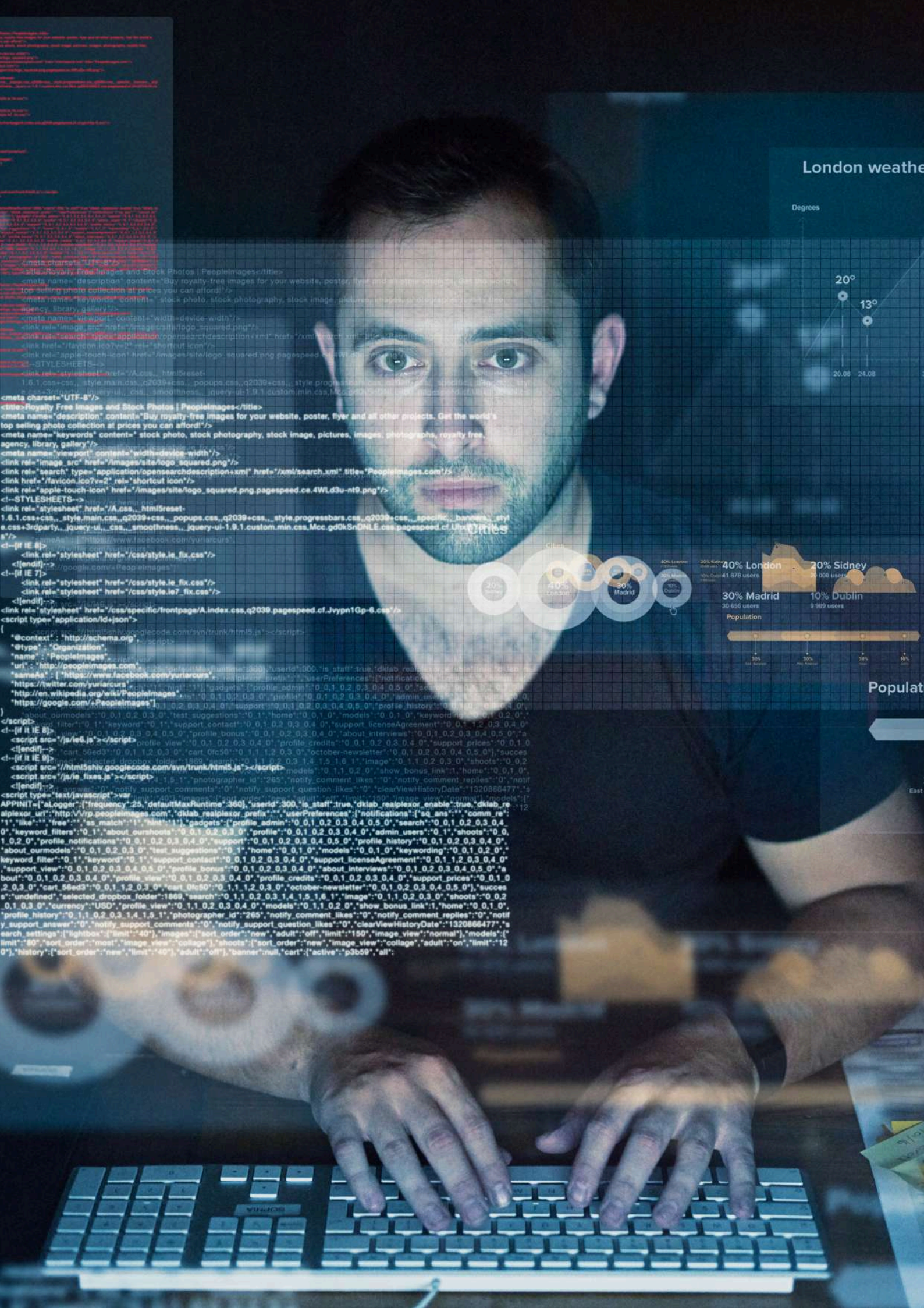
The innovative AI solution developed by Omilia offers a unique AI conversational platform that allows users to interact with voice systems. The DiaManT technology has a 96% speech recognition rate and supports 31 languages, serving customers of global banks, mobile operators and insurance companies.

Educational Visit to the Cisco International Center for Digital Transformation and Digital Skills

The students toured Cisco's facilities and were briefed on recent developments in computing, particularly the development of applications for problem-solving and meeting contemporary needs.

Technical Workshop organized by the Department of Informatics of New York College Thessaloniki Campus, in collaboration with Netcompany-Intrasoft

Undergraduate and postgraduate computing students participated in a hands-on full-stack application development session. They used HTML, CSS, and JavaScript for the front-end, and Java Spring Boot for the back-end, focusing on creating a football score management application from scratch. We thank Mr. D. Lougaris and Mr. M. Charakopoulos, Software Engineers at Netcompany-Intrasoft, for their valuable guidance during the tutorial.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Populat

Extra-Curricular activities

NYC Coding Society

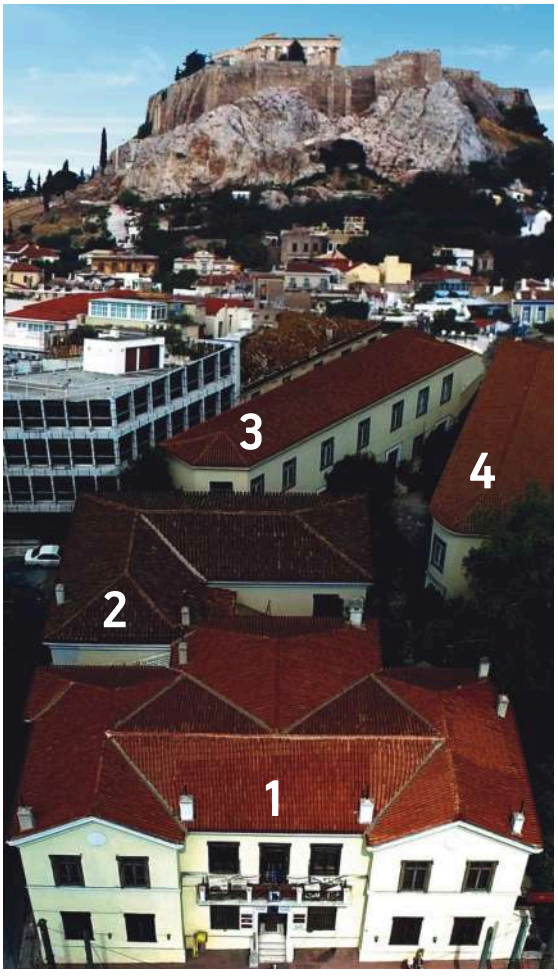
A popular and active Club at New York College – open for computing NYC students - that aims to involve students in a number of coding activities, like "Pet" projects and exercises in fields like: Automation, Robotics, Internet of Things (IoT), 3D modelling and games, Mobile applications, etc. Students take part in competitions (GoogleHashcode), Hackathons, Startup events, Meetups, etc. Moreover, they are taught how to upload their portfolios on GitHub and collaborate with other students. Finally, "Coding Summer" takes place every year, for keeping students active with programming and real-world skills.

NEW YORK

NYC ATHENS CAMPUS

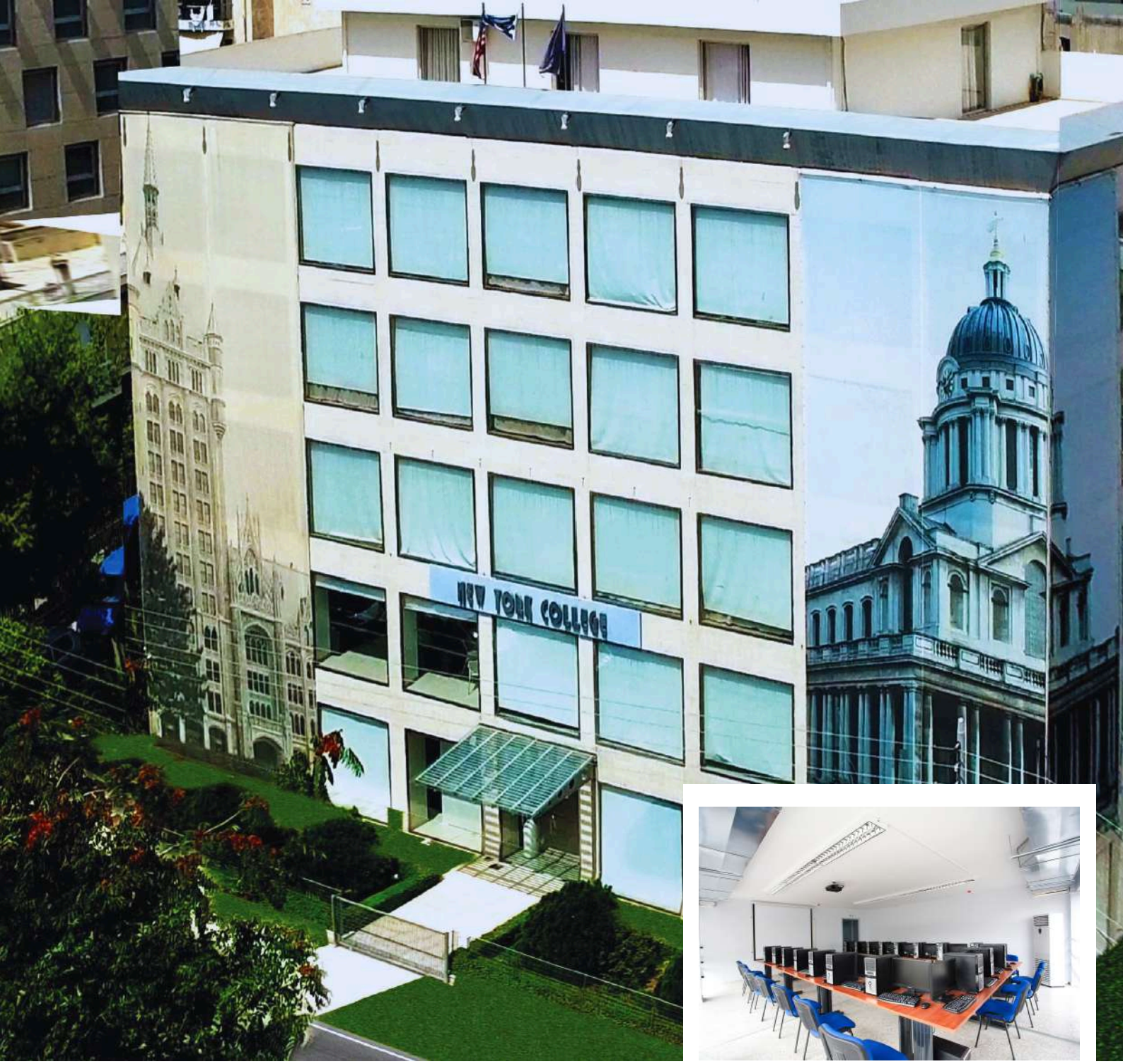
The only multi-building campus in the heart of Athens!

New York College students benefit from a unique privilege: They study at the NYC Athens Campus, the only multi-building educational complex in the heart of Athens, whose history spans three centuries (19th-21st). Historically, the site where NYC Athens Campus is now located, was inaugurated as an educational facility in 1879, and is an iconic landmark of the Old City of Athens, literally in the shadow of the Acropolis.



RIGHT:
Panoramic floor plan of the 4 buildings (halls) of the NYC Athens Campus in the shadow of the Acropolis. Syngros Hall (building 1), Mumper Hall (building 2), Kapodistrias Hall (building 3), Paparrigopoulou Hall (building 4).

State University of New York/ESC
BACHELOR's
MASTER's
MBAs - Ph. D
NYC
NEW YORK COLLEGE
EURO-AMERICAN EDUCATION



NYC PYTHAGORAS HALL

The technological arm of NYC Athens Campus at a short distance from Kallithea train & metro station.

The state-of-the-art five-storey building of New York College in Kallithea is named "NYC Pythagoras Hall" and is the laboratory and technological arm of the NYC Athens Campus: the NYC Pythagoras Hall is home to the Biomedical Laboratory of the School of Health Sciences of the educational group, as well as to the School of Maritime Studies and the School of Engineering & Informatics of the College.

NYC THESSALONIKI CAMPUS

In the heart of Thessaloniki, in the historical area of Kamara!

NYC Thessaloniki Campus is the academic arm of New York College in Northern Greece and the wider region of the Balkans.

The Campus, located in the city centre, has conference rooms, a computer lab, a library, a writing centre and special classrooms with advanced audiovisual equipment and study areas.

NYC Thessaloniki Campus combines a student, technological and entrepreneurial character and is known for the vibrancy and diversity of its students.

SCHOOL OF INFORMATICS

SUCCESS STORIES

NEW YORK COLLEGE
THE INTERNATIONAL COLLEGE OF GREECE

Vassilios Gousetis

BSc (Hons) Computing (Data Analyst), University of Bolton

Vassilios Gousetis during the second year of his studies at New York College, managed to achieve a position as Application Support Engineer at Lexlabs. Just before the third year of his studies, he joined Intrasoft (Netcompany) as a Database Administrator. Vassilios is a student at New York College, Department of Informatics, University of Bolton, U.K.

"I am in the third year of Bachelor of the Science (BSc Hons) degree program at the British State University of Bolton, specializing in Data Analysis. New York College offered me all the technical and practical knowledge in order to find a job directly in my field. In the second year of my studies, I managed to join the Lexlabs law library team, as an Application Support Engineer, something I definitely did not imagine, before I decided to study at NEW YORK COLLEGE! Now, after 6 months, I have just accomplished my first goal, to become a database administrator in one of the most impressive companies in Greece, Intrasoft. I suggest to the rest of my classmates to study constantly and set dreams and goals every day".

Alexandros Kapasakalis

BSc (Hons) Computing (Cyber Security), University of Bolton

Alexandros Kapasakalis during his first year of studies at New York College, managed to achieve a position as First Level System Administrator at MassiveGrid. Alexandros is a student at New York College, Department of Informatics, University of Bolton, U.K.

" I am in the second year of Bachelor of Computing (BSc Hons) degree program at the British State University of Bolton, specializing in Cybersecurity. Today, just before the second year of my studies, I managed to join the MassiveGrid Support team, as a 1st Level System Administrator. As a system administrator, I am given the opportunity to put in practical use the skills acquired through classes by my highly experienced Professors. Through their guidance, I am receiving knowledge on technologies that will shape the future and are a critical part of business stability. For the next years, my professors will continue to share their experience with me and help me make my expectation, a reality".

George Kourakos

BSc Computer Science, State University of New York, Empire State University

I studied Computer Science at New York College and I also hold a Certification in Microsoft Office Specialist, in Web Design by Keycert and Cambridge Proficiency in Computers and English. Right now I have my very own business which is called GameSpace.gr. The courses of my program helped me understand and prepare myself in order to overcome the most difficult situations, regarding the latest technological methods of programming and technology. Also, the structure of the program allows students to make connections among the different courses and thus consolidate knowledge and skills as they progress to graduation. The College was a milestone for me as it helped me to become a well-organized and open-minded person. The opportunity to work with my mentor in Computer Science, Dr. Ioannis Pandithas, was an additional privilege for improving the level of my knowledge in programming. My advice to new students is to take advantage of any kind of situation that comes before you. If there is a club you are interested in, simply join it. If there is a talk on campus that interests you, go for it. Make your own schedule to manage your time. Be patient and never surrender until the semester is over. Nowadays, I consider really important for everybody to understand the value of studies. Becoming an expert or even be able to achieve the appropriate knowledge on your subject, can help you broaden your horizons.

Engrid Braholli

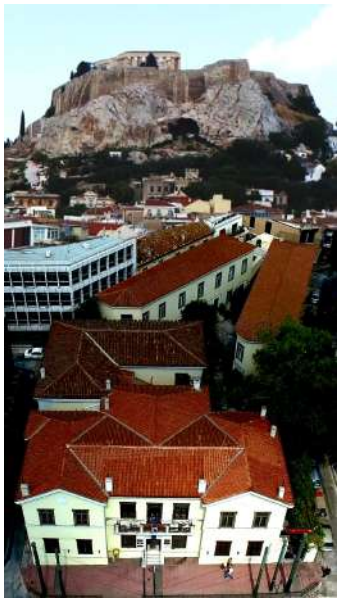
BSc Computer Science, State University of New York, Empire State University

The classes that I took during my studies covered some important aspects of the Information Technology world. This helped me get a good introduction on the different fields of IT and have the basic knowledge for each of them. An important aspect that the major prepared me for, was project management, how to deal with deadlines/issues and other technical knowledge, such as programming languages which have helped me a lot in my career so far. What I liked more about the program was the fact that we had the chance to work on our own different projects, based on the knowledge that we got during our studies. While working on the projects and during our studies, we had all the support of the lecturers. My college experience has helped me a lot in improving time management and tasks prioritization skills, which are quite crucial for the rest of my career and the day to day jobs. My advice to new students is that you should try to make the maximum out of college life and the environment that New York College offers to its students.

NEW YORK COLLEGE
THE INTERNATIONAL COLLEGE OF GREECE

The LEADING College of University Studies in Greece:

The ONLY Greek College with expertise in founding and operating Private Universities in Europe!



NYC ATHENS CAMPUS
ATHENS, SYNTAGMA

38 Amalias Str., Syntagma
Tel.: (0030) 2103225961
email: info@nyc.gr

NYC PYTHAGORAS HALL
ATHENS, KALLITHEA

286 Thessalonikis Str., Kallithea
Tel: (0030) 2104838071
email: info@nyc.gr

NYC THESSALONIKI CAMPUS
THESSALONIKI

138 Egnatia and P.P. Germanou Str.
Tel.: (0030) 2310889879
email: info@nyc.gr

UNIVERSITY OF NEW YORK IN PRAGUE (UNYP)
PRAGUE (CZECH REPUBLIC)

Londýnská 41, Praha
Tel.: (0042) 0224221261
email: unyp@unyp.cz, www.unyp.cz

www.nyc.gr