



# Panagiotis Triantafyllidis

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## ABOUT ME

Graduate of B.Sc. "Business Computing and IT" and M.Sc. "Advanced Computer Science with Specialisation in Computer Security", actively seeking employment in software development, software security, or IT. Background includes independent external study for the development of software skills, strong experience with group projects of academic and professional nature, and a military service utilised under the IT department of the Hellenic Airforce.

## WORK EXPERIENCE

12/09/2022 – 12/09/2023 Athens, Greece

### SYSTEMS ADMINISTRATOR ASSISTANT HELLENIC AIRFORCE

Served in the IT department of the Hellenic Air Force as part of my military service in Greece, with responsibilities including:

- Main domain: Sysadmin (Systems Administrator)
- Installed and configured servers, hardware, and software.
- Managed system security, including implementing firewalls and managing permissions.
- Created and managed user accounts and access controls.
- Performed regular backups and recovery operations.
- Applied routine maintenance.
- Troubleshoot and resolved technical issues, ensuring system uptime.
- Collaborating in a team to develop web applications for internal systems of the Hellenic Air Force, mainly utilizing the React framework, enhancing digital accessibility and operational efficiency.

04/09/2020 – 21/05/2021 Athens, Greece

### OPERATIONS AND IT INTERN SKYWALK TRANSPORT AND LOGISTICS

Placement working experience as part of my studies.

- Audited two ERP systems for enhanced management of parcels, orders, and vehicles.
- Supervised a collaboration project with DB Schenker, overseeing communications, parcel order management, driver routing systems, and auditing processes.
- Maintained and developed the company's website using React 16, improving user interface and functionality.
- Provided technical support within the office, addressing and resolving a wide range of IT issues.
- Developed a calculator program with a GUI in C#, which halved the time spent on report creation and facilitated easier data visualization.
- Implemented an Access database as a quick and effective solution to meet the company's data management and storage needs, significantly improving organizational efficiency.

## ● EDUCATION AND TRAINING

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18/09/2023 – 18/09/2024 Manchester , United Kingdom

**M.SC. ADVANCED COMPUTER SCIENCE WITH SPECIALISATION IN COMPUTER SECURITY** University of Manchester

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Automated Reasoning and Verification // Software Security // Modelling and Querying Data on the Web // Cyber Security and Cryptography.

**Website** <https://www.manchester.ac.uk/> | **Final grade** Merit |

**Thesis** Research and Development of a Hybrid Network Intrusion Detection System (Python-based, Data-Analysis, ML)

14/09/2018 – 11/06/2022 Birmingham , United Kingdom

**B.SC. BUSINESS COMPUTING AND INFORMATION TECHNOLOGY** Aston University

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- Key Modules: Database Applications [SQL, MSAccess] (79.6%), Applications Development [C#, C++] (82%), Systems Analysis (78%), Information Security (81%), Project Delivery (76%), BCIT Research project [Dissertation] (78%).
- Served as Student Course Representative for Business Computing and IT, conducting research and development for course enhancements. Proposed module-specific improvements that significantly influenced the degree experience.
- Gained leadership experience as Vice President of the Aston Bright Futures Society, part of the largest network of university societies with a focus on professional development in the UK.
- Played a pivotal role in organizing events, workshops, and networking opportunities for members, significantly contributing to their professional growth and the society's reputation.
- Earned the Societies Federation Silver Award for my contribution in the Bright Futures Society.

**Website** <https://www.aston.ac.uk/> | **Final grade** First Class with Honours |

**Thesis** Research and Development on the Supply Chain and Logistics of the Energy and Bioproducts Research Institute (EBRI) at Aston University.

15/09/2017 – 20/06/2018 Athens, Greece

**FOUNDATION YEAR WITH FOCUS ON BUSINESS AND IT** Network Foundation School

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- Key Modules: Computing 83%, Statistics 85%, Business and Economics 85%, Project Development 80%, Programming [C++, Python] 80%.
- Acquired valuable skills in delivering presentations to large audiences, mastering the principles of effective teamwork, and honing research and time management abilities through extensive academic projects and assignments.

**Website** <https://www.networkfoundation.gr/> | **Final grade** 80% (AAB)

## ● LANGUAGE SKILLS

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Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C2	C2	C2
<b>GERMAN</b>	B1	B1	A2	A2	A2

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Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● DIGITAL SKILLS

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Microsoft Office | Python | Git | SQL | C++/C# | Linux | Node.js, React.js | Java | HTML/CSS/JavaScript | Jupyter Notebook | Machine Learning

## ● HONOURS AND AWARDS

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23/06/2022

### **Bachelor of Science with First Class Honours in Business Computing and IT Diploma – Aston University**

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**Links** [https://panostriantafyllidis.github.io/assets/docs/AstonUniversity\\_Degree\\_Certificate.pdf](https://panostriantafyllidis.github.io/assets/docs/AstonUniversity_Degree_Certificate.pdf) | [https://panostriantafyllidis.github.io/assets/docs/AstonUniversity\\_HigherEducationAcademicReport\(HEAR\).pdf](https://panostriantafyllidis.github.io/assets/docs/AstonUniversity_HigherEducationAcademicReport(HEAR).pdf)

19/11/2024

### **Master of Science in Advanced Computer Science with Computer Security Specialisation Diploma – The University of Manchester**

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**Links** [https://panostriantafyllidis.github.io/assets/docs/UoM\\_Degree\\_Certificate.pdf](https://panostriantafyllidis.github.io/assets/docs/UoM_Degree_Certificate.pdf) | [https://panostriantafyllidis.github.io/assets/docs/UoM\\_Academic\\_Transcript.pdf](https://panostriantafyllidis.github.io/assets/docs/UoM_Academic_Transcript.pdf)

## ● CONFERENCES AND SEMINARS

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24/10/2022 – 10/04/2023 Athens, Greece

### **Web Development with React 16, Angular 7, Vue.JS 2, HTML/CSS, JavaScript, jQuery and Bootstrap 4**

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- Semester at the University of Athens, on in-depth Web-development, with Certification.
- Provided a solid foundation on Web development, how to create and maintain a website, and how to create a web application, utilising 5 of the most commonly used frameworks.
- Demonstration of my knowledge can be seen throughout my personal portfolio website, <https://panostriantafyllidis.github.io/>

**Links** [https://panostriantafyllidis.github.io/assets/docs/EKPA\\_1.png](https://panostriantafyllidis.github.io/assets/docs/EKPA_1.png) | [https://panostriantafyllidis.github.io/assets/docs/EKPA\\_2.pdf](https://panostriantafyllidis.github.io/assets/docs/EKPA_2.pdf)

08/01/2023 – 15/06/2023 Athens, Greece

### **Java Programming: A to Z**

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- Semester at Economic University of Athens, on in-depth Java programming and database connectivity, with Certification. [10 ECTS points].
- Provided strong foundation on Java-programming alongside education on Database fundamentals.
- Project on the creation of a JAVA GUI application with database connection (JDBC) alongside a database setup with MySQL (available on my GitHub, [https://github.com/panostriantafyllidis/LibraryBooks\\_A2Z\\_project](https://github.com/panostriantafyllidis/LibraryBooks_A2Z_project))

**Link** [https://panostriantafyllidis.github.io/assets/docs/OPA\\_Certification.png](https://panostriantafyllidis.github.io/assets/docs/OPA_Certification.png)

## ● HOBBIES AND INTERESTS

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### **Ethical Hacking and Hackathons**

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- Engaged in ethical hacking studies, including CaptureTheFlag and HackTheBox exercises. Actively seeking out events to enhance technical skills in practice, with ongoing courses in Linux and Red Teaming at HtB Academy.
- Contributed to team-based coding challenges at the Great Uni Hackathon 2023 and the StudentHack 2024 at the University of Manchester, enriching my experience in teamwork and coding.

### **Swimming**

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A dedicated swimmer since childhood, actively competing in university competitions, including BUCS racing. Represented Aston University during my undergraduate years and continued at the University of Manchester during my master's program. It is a sport that taught me about consistency and calmness through pressure, endurance through exhaustion and team building through training.

## ● DRIVING LICENCE

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**Driving Licence:** B | 10/08/2018 – 10/08/2033