CHRISTOFOROS LAPATHIOTIS

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Profile

Passionate Computer Science & Engineering graduate adept at multitasking and collaborating on diverse projects. Strong record of delivering high-quality results in both independent and team settings, excelling under pressure and consistently meeting deadlines. Eager to gain software development experience as a step toward pursuing certificates in Azure/AWS.

Experience

| **Software Engineer, Project** | **Philips** | *Eindhoven, NL* | **04/2023 - 07/2023** |

- Engineered utilizing Python (Primary libraries: clang, Docker, KLEE)
- Led creation of advanced testing tool "**ConSEPt**" for testing C/C++ source code, integrating Concolic, Mutating, and Fuzzing techniques to automatically find vulnerabilities, pin-pointing where code can be improved.
- Honoring organizational, communication skills and excellent CI/CD.

| **Student Assistant in WebTech + HTI** | **Eindhoven University of Technology** | *Eindhoven, NL* | **04/2023 - 07/2023** |

- Learned about and used Arduino boards, HTML, CSS and Javascript.
- Technical support role, giving feedback and guiding students on how to tackle a technical problem - improve problem-solving skills.

| **Student Assistant in App Development** | **Eindhoven University of Technology** | *Eindhoven, NL* | **02/2023 - 04/2023** |

- Provided comprehensive one-on-one and small-group tutoring to assist students in mastering app development concepts.
- Collaborated closely with professors to design and deliver engaging lessons that aligned with the university's philosophy and mission.

| **Army Soldier** | **The National Guard** | *Nicosia / Paphos, CY* | **07/2019 - 09/2020** |

- Learned how to adapt to different environments fast and deal with various types of personalities.
- Successfully managed four offices as a team leader in the army, demonstrating strong organizational, administrative, communication, and problem-solving skills to ensure the smooth operation of daily activities.

| **IT, Intern** | **PWC** | *Nicosia, CY* | **08/2018 - 09/2018** |

- Showcased top-tier customer service and unwavering commitment during help-desk IT support, ensuring customer satisfaction.

| **Researcher, Intern** | **Wargaming.net** | *Nicosia, CY* | **07/2018 - 08/2018** |

- Identified ways to maximize sales opportunities, aiming to improve further the return rates from their customers.

Education

| **Bachelor of Science** | **Eindhoven University of Technology** | *Eindhoven, NL* | **08/2020 - 07/2023** |

- Major in Computer Science & Engineering.
- Security track and Analysis of Information Systems (Data Science track).

| **Lyceum Apolytirio** | **Kykkos A'** | *Nicosia, CY* | **08/2016 - 08/2019** |

- Graduated with distinction: **18.88/20 Excellent**

| **Computer Science and Pure Maths A-level** | **Emphays Institute** | *Nicosia, CY* | **08/2016 - 05/2018** |

- Grade A on both A-levels.

Academic & Other Accomplishments

- 3rd Place at 2nd Open Data Hackathon, Limassol - Cyprus
- 20th Place at Cyprus Cyber Security Challenge (CCSC), Nicosia - Cyprus
- Software Engineering Project (**ConSEPt**): Grade of **9.5/10**

Skills

- Python | Java | JavaScript | C++ | C | C# | MySQL | PySpark | Agile methodology | Writing & Optimizing Queries | Git
- CI/CD | Unit Testing | OOP | PostgreSQL | KLEE | Docker
- Frontend | Backend | Full-Stack | Greek Native, English Professional Proficiency, German Intermediate Proficiency

Special Projects

- **SleepSmarter:** Designed a groundbreaking mobile app using real-time wristband data to empower medical professionals and families in monitoring elderly health, proactively addressing sleep disorders. **(Java/Kotlin 01/2023)**
- **LosPapires:** Created potent offensive tool for advanced Security course: Designed & executed ARP-poisoning and DNS-spoofing attacks, empowering cyber pros to simulate network vulnerabilities, enhancing defense strategies. **(Python 07/2022)**
- **UK Road Accident:** Generated UK accident visuals, informing government and municipalities for accident reduction. **(Python 02/2022)**

Certificates

- ECDL, IELTS
- How to run a study group (by Technology University of Eindhoven)

Interests and Hobbies

- Bowling: Enjoying a friendly competition
- Music: Grade 6: Piano, Learning new instruments in the likes of acoustic and electric guitar
- Cooking: Home cook but also enjoy trying out different flavours from around the world while travelling
- Sports: Football Enthusiast: Passionately playing football since the age of 6, fostering physical fitness, teamwork, and a love for the game
- Adventurous Traveler: Enthusiastically embracing diverse cultures and exploring multiple countries.

References

Available upon request