Efstathios (Stathis) Kapnidis

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Personal Note:

Mechanical Engineering with Robotics graduate from University of Sussex, passionate about robotics and coding, looking for work in Software or Data Engineering. Well versed in Linux, C, Python and have some knowledge in most aspects of tech. Finished a DFE software development bootcamp from QA with a 10/10 on the final project on August 2022. Have gone through multiple books and courses on coding and are always going through more. Very excited to get into a workplace and work hard on interesting and complicated problems.

Pre-Settled with the EUSS. On the process of getting Fully Settled.
Fluent in English, Native in Greek, Beginner in Spanish.

Key Skills:

- Mechanical Engineering
- Software Development
- Python

- C
- Basic AI Knowledge
- Web Development

- Java / Spring Boot
- Cybersecurity (mostly web app red teaming)

Experience:

- **Founder of a Digital Marketing Agency –** 2019 – 2021
    - My first attempt at a business. I didn't manage to get any clients, and I had to dissolve it when University got busy, but I learned a lot of very valuable lessons, and I got a pretty good understanding of how businesses operate, and the value of personal development as well as reading / training in general.

Notable Skills:

- **Frameworks:**
    - Svelte
    - Tailwind CSS
    - Bootstrap
    - Linux
    - VMs / Containers / Docker

- **CAD / Simulations:**
    - SolidWorks
    - Space Claim
    - Ansys CFD

Education / Projects:

- Mechanical Engineering with Robotics Graduate from the University of Sussex
- CS50 Intro to Computer Science
- CS50 Programming with Python
- Built an Asteroids Clone in C
- Worked with the Evernote API using Python

- Trained AI to play the chrome Dino game using Python
- Trained AI to play the Snake game using Python
- Made my site in Svelte / TS / Tailwind CSS
- REST APIs with Java/Spring Boot
- Completed Over 50 Rooms on TryHackMe

University Modules: Mechanics & Properties of Matter, Electricity & Electronics, Electrical Circuits & Devices, Programming for Engineers, Mathematics, Fluid Mechanics / Thermodynamics, Embedded Systems, Control Engineering, Numerical Modelling & Engineering Sims, Autonomous Vehicles, Robot Design and Implementation, **Dissertation:** Gardening with a Robot. Used a robotic arm to harvest lettuce on MATLAB.

10 Week DFE Bootcamp - 13/06/2022 – 09/2022:

- Agile
- DevOps
- Source Control

- Network Security
- MySQL
- Python
- Soft Skills

- Java Fundamentals
- Spring
- Final Project Score: 10/10

Extracurricular

- Assisted in organising and promoting a Charity Event in Scotland raising about 1500 pounds for animal shelters.
- Lots of personal coding projects. Over 30 on **GitHub**
- Check out my watering and data collection gardening **project using an Arduino Uno WIFI Rev2**
- Always working through some course. Like the Harvard CS50 courses
- I read a lot of business and psychology books. Self-help too.
- Learning Spanish
- Play the guitar and the piano.

Website: stathis-kapnidis.cf - GitHub - TryHackMe - Kaggle - AZ-900 – CS50-Intro to CS - CS50 Python -YouTube