Efstathios (Stathis) Kapnidis

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Personal Note:

I am a graduate of the University of Sussex, where I obtained a 2:2 degree in Mechanical Engineering with Robotics in 2022. Despite this, I possess a strong passion for coding and am currently seeking a career in Software or Data Engineering.

My proficiency in Linux, C, and Python, along with a solid understanding of various tech aspects, makes me a well-rounded candidate. Additionally, I recently completed a DFE software development bootcamp from QA, receiving a 10/10 on the final project in August 2022. I consistently expand my knowledge of coding through various books and courses, always eager to learn more.

My enthusiasm for tackling complex and interesting problems in a team setting drives me to seek out exciting opportunities in the workforce. I am currently Pre-Settled with the EUSS and in the process of obtaining Full Settlement status.

Aside from English, I am a native speaker of Greek and have a beginner-level proficiency 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:

- **Junior Software Developer** - **Jul 2022 - Oct 2022 · 4**
  - I completed a comprehensive DfE Bootcamp program that covered a wide range of software development areas. The program consisted of six weeks of general training, including topics such as Operating Systems, Security, Databases, Teamwork, Agile methodologies, and Python. The latter six weeks of the program were focused on in-depth training in Java, SpringBoot, JUnit, and REST API design.

- **Founder of a Digital Marketing Agency – 2019 – 2021**
  - As a driven and ambitious individual, I took the initiative to start a Digital Marketing Agency in my spare time while attending University. Although I was unable to secure any clients and ultimately had to dissolve the business due to the demands of my studies, the experience taught me invaluable lessons about entrepreneurship, personal development, and the inner workings of businesses. I firmly believe that the reason for my inability to generate sales was due to my lack of confidence and a failure to filter leads effectively. However, this experience has only further fuelled my passion for learning and growing, and I am eager to apply these lessons in future endeavours. I would be delighted to discuss my experience further and share my insights with others who are interested in entrepreneurship and personal development.

Education / Projects:

- Mechanical Engineering with Robotics Graduate from the University of Sussex 2022. Grade: 2:2
- [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

Notable Skills:

- **Frameworks:**
  - Svelte
  - Tailwind CSS
  - Bootstrap
  - Linux
  - VMs / Containers / Docker
- **CAD / Simulations:**
  - SolidWorks
  - Space Claim
  - Ansys CFD

Extracurricular

- Assisted in organising and promoting a Charity Event in Scotland raising about 1500 pounds for animal shelters.
- Over 50 rooms on [TryHackMe](#)
- 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](#)

** If the website is down, you can view it on Vercel: https://stathis-site.vercel.app/