Efstathios (Stathis) Kapnidis

Mechanical Engineer with Robotics – Software Engineering

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Location: Lewisham London - LinkedIn – GitHub – AZ-900 – CS50-Intro to CS – TryHackMe -YouTube - Kaggle

Languages:

1. English – Fluent
2. Greek – Native
3. Spanish – Beginner

Right To Work:

- EUSS Pre-settled
- Applying for Fully Settled right now

Notable Skills:

- Programming Languages:
  - Built an Asteroids Clone in C
  - Worked with the Evernote API using Python
  - Trained AI to play the chrome Dino game using Python
  - Made my site in Svelte/TS
  - REST APIs with Java/Spring Boot
  - LUA
  - Completed Over 50 Rooms on TryHackMe
- Frameworks:
  - Svelte
  - Tailwind CSS
  - Bootstrap
  - Linux
  - VMs / Containers / Docker
- CAD / Simulations:
  - SolidWorks
  - Space Claim
  - Ansys CFD
- Personal Skills:
  - Fast Learner
  - Excellent Communicator
  - Hard Worker
  - Team Player
  - Constantly Learning
  - Strong Analytical Mind
  - Creative Problem Solving
  - Team Leadership
  - Project Management

EDUCATION:

- Mechanical Engineering with Robotics From Uni of Sussex
- **Modules:** Foundation Mathematics A , Foundation Mechanics , Mechanics & Properties of Matter Lab , Properties of Matter , Applied Technology , Electricity & Electronics Laboratory , Electricity and Magnetism , Foundation Mathematics B , Electrical Circuits & Devices , Engineering Maths 1A , Materials & Manufacturing Processes ,Programming for Engineers, Engineering Maths 1B,Engineering Mechanics, Engineering Thermodynamics, Technical Drawing and CAD ,Electrical Machines & Power Electronics ,Engineering Fluid Mechanics - Engineering Mathematics 2,Principles and Applications of Strength, Embedded Systems, Industrial Automation Systems - Professional and Managerial Skills, Systems Analysis and Control - Business and Project Management ,Control Engineering, Numerical Modelling & Engineering Sims, Autonomous Vehicles, Design of Mechanisms & Machines, 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
  - OS Basics
  - MySQL
  - HTML
  - Python
  - Soft Skills
  - Java Fundamentals
  - Junit
  - Spring
  - Maven
  - Final Project Score: 10/10

Professional Career

- **Waiting Staff at The Real Greek in Dulwich -** 8th/2/2023 - Present
  - o I've gotten a job in Dulwich as a waiter while trying to get a job in Tech. I learned the job within a couple of days and have received praise from multiple parties in the restaurant for my quick good work.
- **Kitchen Staff Greekatessen - Brighton September 2018 to July 2019**
  - o It was a food truck, So I did everything from working the till, to bringing up things from storage, taking orders from suppliers, the actual cooking, all while working with a manager well, and usually one or two more employees inside the truck. I helped 3 new staff members get a job there and then trained them as well.
- **Tried to launch a Digital Marketing Agency - 2018-2021**
  - o I bought several course in digital marketing, and was confident that I could deliver, but never managed to get a client. I tried this business for three years before I got too busy with Year 3 Uni and dissolved the company.
- **Event Staff - gig based**
  - o I've worked in Greek and Mediterranean nights at the entrance, the cloak room, and a few other positions. I've also helped by making flyers for a Black-Tie Charity event that happened in Scotland, and another one that got cancelled due to Covid.

Extracurricular

- Assisted in organising and promoting a Charity Event in Scotland raising about 1500 pounds for animal shelters.
- Lots of personal coding projects
  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
- Study history
- Work out. Healthy body is very important for energy and focus

Personal Note:

Mechanical Engineering with Robotics graduate from University of Sussex, passionate about robotics and coding, looking to work on any project or technology that will improve people's lives in a practical and direct way. 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.