

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](#)

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.