



# Denes Kosztyuk

Computer Systems and Robotics Engineer

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Date of birth: Nov 1996

[in](#) [Denes Kosztyuk](#)

[deneskosztyuk](#)

## Summary

Computer Systems & Robotics Engineering graduate and an IET Member, eager to apply my experience in a technical field. Extensive academic background in Software Development, ML and Artificial Intelligence, IoT & Electronics Engineering, and proficiency in various programming languages and tech stacks. Proven ability to thrive in fast-paced and stressful environments. Highly motivated to learn, improve, and make valuable contributions to real-world projects.

## Education

### London Metropolitan University

2020-2024

Computer Systems & Robotics Engineering

Bachelor of Engineering (Hons)

2:1 Second Upper Class

<https://www.londonmet.ac.uk/>

Studied Computer Systems Engineering and Robotics at London Metropolitan University, focusing on intelligent hardware/software systems and robotics. The practical degree equipped me with hands-on skills in electronics, CAD, embedded systems, machine learning, software development (mobile, desktop, web apps, API) and more.

## Key Projects

### Space Probe Simulator

2023-2024

A scaled down version of a satellite, a desktop application that acts as control system for the satellite probe.

[https://github.com/deneskosztyuk/DSPS\\_Guide-Deep-Space-Probe-Simulator](https://github.com/deneskosztyuk/DSPS_Guide-Deep-Space-Probe-Simulator)

- Final year engineering project developed both software and hardware for an open-source educational tool which mimics space probe operations in a home environment.
- Developed wireless RF communication, Microcontroller and sensors integration and a windows application to act as a ground station using Python, C and C++.

### Banking Management System

2023

A banking application which allows for user account management, creation, deletion using various data structures and algorithms.

<https://github.com/deneskosztyuk/BankingApp>

- Developed using Java, a GUI using Swing, data structures, and various algorithms (HashMap, binary tree, HashSet).
- Implemented account management or CRUD functionalities (create account, delete account, search by account number, further account and transaction management functionalities developed).

## Experience

### Starbucks Co

2018-2024

Store Supervisor

London, UK

- Successfully led and managed a team of up to 11 people in a fast-paced environment, planning tasks and schedules to ensure stable and productive workflow.
- Trained new employees and provided ongoing guidance on health and safety standards, efficient workflow routines, and procedural adherence.
- Conducted daily financial audits, store banking checks, and ensured accuracy in sales and cash handling.

### Fiverr

2022-2023

Freelance Software Developer

London, UK / Remote

Designed, coded, and tested software applications based on client specifications.

- Provided ongoing support, troubleshooting, and updates for existing software solutions.
- Regularly communicated with clients to understand their needs, provide project updates, and ensure satisfaction with the delivered product.

Ucall Agency

Marketing Specialist

February 2023 - May 2023

London, UK / Remote

- Conduct research to identify and connect with potential business partners and clients.
- Present and demonstrate our products to new business connections, highlighting key features and benefits.
- Provide actionable suggestions on marketing strategies and tactics to enhance product visibility.

Wasabi Co.

Team Leader

2016-2018

London, UK

- Delivered excellent customer service by maintaining a customer-first attitude.
- Worked effectively under the direction of supervisors and team leaders.
- Follow cash management policies and cash register usage, adhere to health, safety, and sanitation guidelines.

Jabil Circuit

Assistant Line Engineer

2015-2016

Uzhgorod, Ukraine

- Maintained mechanical and electrical equipment on the production line.
- Installed, setup, and calibrated autonomous robotic machinery, ensuring product quality and adherence to QA requirements.
- Trained and guided new line engineers in equipment setup and compliance with health and safety procedures.

Skills

Software Engineering:

- Languages: Java, Python, C, C#, JavaScript, VHDL, Assembly, SQL
- Frameworks/Libraries: Spring, JDBC, JSP, JSF, Swing, Flask, Django, OpenCV, MLAgents, TensorFlow, Kubeflow, GPT-2, Azure.
- Concepts: OOP, Data structures, Algorithms, RESTful APIs, Git/GitHub
- Databases: MySQL, MariaDB, Oracle SQL
- OS: Windows, Windows Server, Linux (Ubuntu, Mint), RaspberryPi OS, Android.

Electronics Engineering:

- PCB design and manufacturing
- Embedded systems and robotics
- Microcontrollers: STM32, ESP32, Arduino, Raspberri Pi
- Analog/digital systems and schematics

Soft Skills:

- Problem-solving, analytical thinking
- Team collaboration and management
- Adaptability, continuous learning
- User-centric design, communication

References

References available upon request.