

IZER E. ONADIM

izeronadim.github.io | github.com/IzerOnadim | linkedin.com/in/izeronadim

MEng Computing student at Imperial College London with two years of programming experience, an outstanding academic record and excellent communication skills.

Technical Skills

- Confident **Java** programmer, with experience building web apps using Spring, JavaServer Pages and servlets.
- Experienced with **Python, JavaScript, C, Haskell, HTML5, CSS3, SQL, Git** and basic **R**.
- Prior experience designing and building front-ends for web apps using **React.js** and **Bootstrap**.
- Familiar with algorithms, data structures, procedural, object-oriented and functional programming.
- Comfortable with WordPress, running personal website (onadim.net) and portfolio (izeronadim.github.io).

Education

2019 – 2023, Imperial College London, Computing (Artificial Intelligence and Machine Learning) (MEng)

Relevant Courses: Graphs & Algorithms, Java, C, Haskell, Databases, Discrete Maths, Logic, Architecture, Systems.

2007 – 2019, Dulwich College, London, UK

A-Levels: Computer Science (**A***), Physics (**A***), Maths (**A***), Further Maths (**A**). Elected to be a Senior Prefect.

GCSEs: 11 **A***s. Free-Standing Mathematics Qualification from OCR (**A** - highest grade).

Work Experience

Spring Technology Intern (Virtual), Morgan Stanley, London

March 2020

Developed networking and communication skills in a virtual placement with Morgan Stanley technology team.

Gained insight into the organisation of large-scale projects and trends in technology and fintech industries.

Machine Learning Intern, British Telecom, Research Headquarters, Adastral Park, Martlesham

August 2018

Joined the machine learning team, implemented and optimised Deep Learning models on many different datasets using R and the H₂O library. Investigated the inner workings and performance of different machine learning models from multilayer perceptrons to convolutional and recurrent neural networks.

Company Secretary, Young Enterprise Competition, London

Sep 2017 - Jun 2018

Launched and ran a small successful company with a team of students, gaining organisational, teamwork and leadership skills. Managed the team's finances, producing profit and loss accounts and balance sheets.

Insight week, FIAT Chrysler Automobiles N.V., Bursa, Turkey

Jul 2017

Joined networking team responsible for production network infrastructure and gained experience in the use of firewalls and virtual machines to prevent data breaches, and redundancy to enable uninterrupted production.

Projects

ARM 11 Emulator and Assembler in C

Led a team of four in making an emulator and assembler for ARM11 architecture, written in C. Improved leadership, teamwork and programming skills, and gained experience in using Git to coordinate a group project.

Python Video Game

Designed and developed a game in Python, implementing features such as multiple game modes, pausing, saving, loading, a responsive user interface and high score system. Compiled to and distributed as an executable.

Python Web Scraper

Produced a Python program that scrapes specified data from a given website and formats it into a CSV file.

Implemented feature that sends an email notification when the price on a desired item drops below a given value.

Portfolio: izeronadim.github.io

Developed a portfolio to showcase projects completed outside of university. Used HTML, CSS and JavaScript to create a smooth and highly responsive website. Implemented using GitHub pages, gaining experience with Git.

Achievements/Activities

- Runner-up in entertainment award of **ICHack 2020** (largest student-run hackathon in UK, 400 participants).
- Active member of Computing Society and Data Science Society at Imperial, student member of **BCS** and **IET**.
- Performed a leading role at Shakespeare's historic Globe Theatre.