

Ivan Teixeira

Graduate software engineer with expertise in Python, JavaScript, Java and C++.

London, United Kingdom

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EXPERIENCE

Tortilla, Brighton — *Front of House Team Member*

July 2023 - July 2025

Consistently delivering quality food and ensuring customer satisfaction

Contributed to a vibrant and positive in-store atmosphere, leveraging my friendly and outgoing personality

Engaged in continuous learning and development

Microsoft Azure, Richmond — *Junior CS Manager*

June 2020 - August 2020

Shadowing a Senior Customer Success manager, speaking to C Level executives to understand their business goals and provide them with the right resources and knowledge to successfully accelerate their Azure cloud setups, ensuring their overall success using the Microsoft Azure platform through IaaS, PaaS and SaaS environments

SOME OF MY PROJECTS

Behavioural Modelling Toolkit

Built a Django web app to simulate behavioural decision making with several probabilistic models. Implemented analysis and visualisation using NumPy, SciPy, and Matplotlib.

Payment App

Developed a peer to peer payment platform with secure transfers and currency conversion. Built with Django REST Framework, Bootstrap, and SQLite.

Secure Password Manager

Created a desktop password manager in C# with AES encryption and PBKDF2 hashing. Implemented secure local storage and a WinForms user interface.

PROJECT LINKS

<https://ivanpnd.github.io/ivan-pportfolio/>

<https://github.com/ivanPND>

SKILLS

Programming Languages:

Python · Java · C++ · C# ·

JavaScript · PHP

Web & Backend

Technologies:

Django · HTML · CSS · SQL

Tools & Systems:

Git · Linux · Shell scripting

Cloud & DevOps:

AWS · Azure

Security & Data:

Encryption · OpenSSL

LANGUAGES

English - Proficient (C2)

Russian - Proficient (C2)

Portuguese- Proficient(C2)

Spanish - Elementary (A2)

QuickCom

Developed a C++ command line messaging system with encrypted communication and offline queueing. Utilised Boost.Asio, SQLite, and OpenSSL for networking and security.

EDUCATION

University of Sussex, Brighton — BSc Computer Science

September 2021 - July 2025

St Richard Reynolds Catholic College, London — GCSE, A level

February 2016 - July 2021

AWARDS

Mensa — The High IQ Society International Mensa Membership

03/2014 – Present

Duke of Edinburgh — Bronze Award

06/2017

UK Junior Mathematical Challenge — Certificate for Best in Year

2014

UK Junior Mathematical Challenge — Certificate for Best in School

2014

The Brilliant Club — Took part in the Scholars Programme

2014

Mensa — Mensa Cattell III B Scale - 160 (1%)

2014

CERTIFICATIONS

AWS Academy Graduate -
AWS Academy Cloud
Foundations

HOBBIES & INTERESTS

Piano – ABRSM Grade 5

Singing – ABRSM Grade 5

Music Theory – ABRSM
Grade 5

Certificate of Achievement
– IXL Outstanding
completion of 6,500 maths
problems

Proficiency Awards –
British Gymnastics Level 3