ALEX CONSTANTIN-GÓMEZ

First year Computer Science student based in London, UK

+447780387781 ⋄ constantingomez@icloud.com ⋄ github.com/thealexcons

EDUCATION

Imperial College London   2019 -
MEng Computing

First year modules: Programming (Haskell, Java & C), Hardware, Computer Architecture, Databases, Logic, Algorithms, Discrete Maths, Mathematical Methods and Reasoning about Programs.

Kensington Aldridge Academy   2016 - 2018
Sixth Form

A*s at A Level in Maths, Further Maths, Computer Science, Physics and Spanish.

PROJECTS

Restaurant Ordering System
Built a full ordering system for a restaurant, which included a web app for customers and a desktop GUI application for the kitchen staff. Communication between both sides is achieved via a REST API. Built using Python (Flask framework) and C# (Windows Forms .NET framework).

Quiz Game for Amazon Alexa
Built a quiz game for the Alexa voice assistant platform, which was featured as a trending skill in October 2019, with over 15,000 installs. Created using Python for the game logic, and AWS Lambda and DynamoDB, to learn about serverless architectures.

Server-side Load Balancing Software
Built a load balancer that distributes requests to specified nodes. It can distribute workload using several different algorithms, which can be specified by the user. Created entirely with the Go language.

TECHNICAL SKILLS

Programming - Proficient in Python and Go; familiar with Java, C#, C and SQL; basic experience in Haskell and JavaScript.

Technologies and Tools - Familiar with Git and the Unix/Linux command line; basic experience in AWS and similar cloud computing services.

WORK EXPERIENCE

Kensington Aldridge Academy   September - December 2018
Maths Assistant Teacher

· Taught small groups of A Level students who required extra support.
· Helped GCSE and A Level students in class with their questions.