ADNAN BENACHAR

London, UK

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EDUCATION

University College London, Computer Science MEng — Expected 2023
Rolling grade: First Class Honours

Morpeth Secondary and Sixth Form — 2012 - 2019
A levels   Mathematics, Turkish, Physics, Chemistry (A* A* A A)
GCSE   13 A* (1x 9, 2x 8), 1A

SKILLS

Programming	Java, TypeScript, JavaScript, Python, C, Haskell
Technologies	Spring, NodeJS, React, SQL
Other	LaTeX, Photoshop, Sony Vegas

EXPERIENCE

Front Office Software Engineering Intern — Jun 2022 - Aug 2022
Mizuho International — *London, UK*
- Developed a new architecture for interest rate swap monitoring in React/Spring.
- Conducted requirements gathering and prototyping. Utilised Jira/Bitbucket.

Connected Learning Intern — Aug 2021 - Oct 2021
University College London — *London, UK*
- Developed an application for creating personalised study tracking materials for all UCL students.

Programming Tutor — Sept 2020 - Mar 2021
University College London — *London, UK*
- Supported first year Computer Science students in their study of Python, Java, C and Haskell.

PROJECTS

Building a computer from scratch
Altera 10M50 FPGA + Quartus Prime to design and implement a MIPS architecture computer.

Virtual Lecturing Environment with IBM (Unity/C#, JavaScript)
Multi-presenter lecturing over Teams/Zoom in a virtual and interactive 3D environment.

Twitch Game Notifier (Java, Spring)
Get notified via email when a particular streamer on the Twitch platform begins playing a certain game.

Reddit Swipe (Typescript, React)
Configurable Tiktok-like scrolling for reddit.

React Together (React, Typescript, NodeJS, MongoDB)
Create, share and join public chatrooms for live events.

LEADERSHIP AND EXTRA-CURRICULAR ACTIVITIES

- Ran a gaming community for over 2000 players revolving around the game "Garry's Mod".
- Founded and mentored in the "Morpeth Robotics Club", a club aimed at introducing students from ages 13 to 18 to robotics in the form of Arduino.
- Organised annual workshops at my secondary school's post 18 day aimed at informing students about careers in technology.