

## **Abdi Jama**

Email: [Abdifatah.jama@icloud.com](mailto:Abdifatah.jama@icloud.com)

<https://github.com/AF-Jama>

<https://www.abdifatahjama.com>

### **Education**

**BEng Chemical Engineering, Queen Mary University of London (2:1) 2019-2022**

Modules Including: Heat Transfer and Fluid Mechanics (70%), Mass Transfer and Separation Processes (80%), Control Systems Analysis and Design (75%), Thermodynamics (70%), Advanced Safety Engineering (70%)

**LAE Tottenham, London**

**2017-2019**

**A Levels:** Mathematics(A), Biology(B), Chemistry(B)

### **Experience**

**Octopus Energy (Intern), London**

**2021-2022**

- Contributed to programming, testing, and overall software development lifecycles
- Collaborated with cross-functional teams.

**Mathematics Tutor, Best Tutors, London**

**2020-2023**

- Providing one on one tutoring for up to 3 children per week
- Developed strong communication skills by articulating complex concepts in a simplified manner

### **Extra-Curricular Activities/Projects**

- Developed a secure full-stack password manager with encryption for safe storage of unique passwords. Designed a responsive website interface for seamless user experience. Implemented efficient pagination using Prisma ORM for optimized password record management.
- Developed a real-time chat application using Firebase, enabling seamless communication between users.
- Developed a responsive financial management application with user-friendly interface, allowing easy creation and management of multiple mock bank accounts. Hosted on AWS for enhanced reliability and scalability.
- Created an ecommerce site which displays products per category and allows users to add and remove products in their cart which is stored as a session using Redis.
- Created an Uber Clone allowing users to request a ride, directions are displayed on the map using the google direction api and cost of car is displayed depending on distance and type of car ie: UberX, UberXL, Uber Black.
- Self-hosted personal site on home server using Nginx. Implemented .conf file to handle incoming requests on port 80(HTTP) and port 443(HTTPS) to serve intended files on the filesystem.

### **Other Skills**

IT: Python,C,ReactJS,NextJS,JavaScript,Relational Databases (MySQL), Basic AWS Deployment, Docker, Typescript,Tailwind,Redis,Nginx,Linux.