



SKILLS

Angular (TypeScript)
Spring Boot (Java)
Kafka
Kubernetes & Docker
Git
Gitlab & CI/CD
Jira
AI (Claude, Copilot, GitLab Duo)

LANGUAGES

English (native)
Spanish (native)
Japanese (JLPT N1 合格)
French (B2)
Portuguese (CIPLE)
Chinese (HSK 3)

AWARDS

AtCoder 緑色 (28th in UK, top 25% in world)

UKIEPC 1st place in Glasgow University (top 15% UK & Ireland) and qualification to ICPC NWERC

Glasgow University volunteering award for work as president of uni competitive programming society

2 publications in international medical journals (Clinical Breast Cancer & Family Practice Oxford University Press, 36 citations)

University of Cambridge violin and piano music scholarships

UK Biology Olympiad gold medal

PROFILE

Mexican-British Software Engineer at Barclays bank, student at Glasgow University, Competitive Programming enthusiast and ex-NHS medical doctor graduated from the University of Cambridge.

EXPERIENCE

- Software Engineer

Barclays, UK

2023 - Present

 - Worked in legal tech team as part of bank's functions technology division.
 - Developed software for contract management, triage and review of laws, rules and regulations, automated first draft contract generator and automated reference data synchronization systems.
 - Worked as a full stack developer. Experience with Angular, Spring Boot, Kafka and Kubernetes.
 - Acted as committee member for the bank's Latin and Hispanic enterprise resource group organizing Spanish lessons, cultural exhibitions and events.

- Medical Doctor

National Health Service, UK

2021 - 2023

 - Worked at internationally recognized hospitals: St. Thomas & Guys Hospitals, London.
 - Worked in Cardiology, General Surgery, Geriatrics, Internal Medicine, GP & Haematology.

EDUCATION

- BSc Software Engineering

The University of Glasgow

2023 - 2027

 - On track for a 1st, with As in all courses.
 - Theoretical Computer Science track.
- MB BChir – Medicine & Surgery

The University of Cambridge

2014 - 2021
- Tsuzuki Scholarship Exchange

Japan University of Economics, Fukuoka

2017 - 2018
- MA (Cantab) – Biological & Biomedical Sciences

The University of Cambridge

2014 - 2017