HECTOR JONES

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SUMMARY

A bilingual (English/French) medical student at City St. George's University of London and skilled software developer with a BSc in Computing Science from the **University of Glasgow** and 1+ years of experience in **cloud-based software development.**

EXPERIENCE

Associate Software Developer | SAS R&D Scotland | October 2022 - August 2023 | Glasgow, United Kingdom
- Developed and maintained features on the ETL pipeline microservices within the product's ecosystem.
- Restructured test containers to provide added configurability to the Jenkins CI/CD pipeline.
- Spearheaded efforts towards technical documentation maintenance.

Associate Software Developer Intern | SAS R&D Scotland | May 2022 - August 2022 | Glasgow, United Kingdom
- Implemented solution to communication issues between the product's micro-services and their corresponding data-stores, resolving a significant customer complaint.
- Designed and architected solution via presentations, leading design meetings and collaborating with the team.

Lab Demonstrator | University of Glasgow | January 2021 - April 2022 | Glasgow, United Kingdom
- Supported first year students in understanding lecture concepts and completing lab and tutorial work.

Software Developer Intern | Barclays | June 2021 - August 2021 | Glasgow, United Kingdom
- Developed frontend and UI features while adapting to the team's workplace practices and technologies.

EDUCATION

Bachelor of Medicine, Bachelor of Surgery, 4 Year MBBS | City St George's, University of London
BSc in Computing Science | University of Glasgow | First Class (Honours)
- **Awards:**
  - *Team Project Prize in Honours Level 3* | 2021 | University of Glasgow (**Suicide Prevention Mobile App**)
  - *Cloud Cover IT sponsored Hackathon winner* | 2020 | Hosted by GU SWiTCH

PROJECTS

Detecting arrhythmias with Machine Learning | September 2021 - April 2022
- First-class grade awarded to dissertation titled "*Development of Machine Learning Models to Detect Arrhythmia Based on ECG Data - Explainable Models*".
- The project explored methods to increase the explainability of machine learning models, specifically Convolutional Neural Networks, so that real physicians can trust their processes and results.

Suicide Prevention Mobile Application | September 2020 - April 2021
- First-class grade and prize awarded to the proof of concept developed in a team of 6, during a year-long university team project for a client.
- As product owner and backend developer, managed team and customer communication across 3 timezones.

SKILLS & CERTIFICATES

- **Languages:** Python, Java, SQL, ReactJS, Shell scripting
- **Certifications:** AWS Solutions Architect Associate
- **Skills:** Django, DBMS, AWS, Docker, Kubernetes, CI/CD, Git, Linux, Opensearch, Agile Methodologies

References Available on Request