

CLARA LEBBOS

📞 (+33) 6 38 35 60 03 ✉️ claralebbos@hotmail.com in clara-lebbos 🌐 claralebbos

🎓 EDUCATION

Imperial College London

October 2018 - July 2022

Masters of Engineering in Computing - Second year grade: **First Class Honours**

Institution Notre-Dame de Sainte-Croix, Neuilly-sur-Seine, France

2003 - 2011 and 2016 - 2018

French Scientific Baccalaureate, Highest Honours

2015 - 2018

🏆 *Graduated top of the class with highest grades in Mathematics and Physics.*

✍️ LANGUAGES

Languages Fluent in English and French. Well-versed in Arabic and Spanish. Proficient in Latin.

👜 WORK EXPERIENCE

Software Engineer Intern, Schlumberger, Oslo, Norway

Angular, NodeJS, EF Core, Bootstrap, SQL

- Three months Software Engineering Internship at the biggest technology center in Europe, as part of the Automation Guild team.
- Designed, developed and integrated an **online and real-time data dashboard** to monitor the testing cycle for several major products, such as Petrel and Olga. Used an Azure DevOps **CI/CD** pipeline throughout the development.
- The dashboard is a **searchable, sortable, and personalisable platform**, with the ability to **drill down** to a specific test case, with performance charts for each level. It is to be used by over 400 users.

🏠 PROGRAMMING EXPERIENCE AND PROJECTS

ShopWise

Python Flask, Xcode, Swift, Kaleido, Solidity

- Created a service for all food shopping platforms. Shopwise allows the user to scan an item, offers healthier and greener alternatives, and finally a variety of recipes with the ingredients in the cart. Additionally, it displays a supply chain history through a **distributed ledger** service created on **Kaleido** for transparency of the supply chain.
- 🏆 IC Hack 20 Runner-up in Thought Machine's "Money for Good" category.

Optimising Compiler for a Custom Language

Kotlin

- Implemented optimised code generation for ARM platforms, including control-flow analysis, efficient register allocation...

PintOS

C, Git

- Led a team of 4, that implemented an operating system framework for the x86 architecture that tested the understanding of the roles of kernels, virtual memory, memory organisation, concurrency, thread-safety, scheduling, user programs, syscalls and multiple other concepts that are widely used in major operating systems today.

Purgo Space

Python, Angular, XCode

- Built an **IoT network** with trash can sensors and street cameras to sense the vacuity of public bins and locate trash on the streets (computer vision). The data is displayed on a map for an **iOS** trash collection **game**, Pokemon-Go style.
- 🏆 Hack Cambridge: 1st Prize Reply Green IoT and MLH mongoDB winners.

🏆 AWARDS AND CERTIFICATIONS

- 🏆 Ranked amongst the Top 3 projects at the **Facebook Hack-a-Project 2020**.
- Developing my **Google Cloud Platform** knowledge with over 46 badges on the qwkilab training platform.
- Led a team of 6 that delivered a presentation on Amazon AI Recruitment Tool Biased Against Women, and was **ranked Top 2 out of 36 groups** 🏆.

👥 LEADERSHIP POSITIONS

- **Sponsors' Liaison and Industrial Events Officer 19/20**, Imperial College Department of Computing Society with 1,400 members, liaising with sponsor representatives. Raised over £100,000.
- Lead Organiser (Logistics Catering) of **UK's largest student-run hackathon: IC Hack 19 & IC Hack 20**.
- Interned for a renowned **Michelin-star** French chef, Cyril Lignac.
- Developed my leadership skills at the **Leadership Training Camp** in Switzerland.