

MIGUEL MERHEB

Software Engineer & Competitive Programmer

@ miguelm.mrm36@gmail.com

+44 7767 653037

Lebanon

LinkedIn | miguel-merheb

+961 78 959 427

GitHub | mrm-36

EXPERIENCE

Site Reliability Engineering Intern

Cluster Lifecycle, Google

Oct 2022 – Dec 2022

Dublin, Ireland

Software Engineering Intern

WhatsApp Support Platform, Meta

Jul 2022 – Sep 2022

London, United Kingdom

- Developed the **front-end and back-end** of a new feature used in an internal tool to help with the processing of support tickets.

Competitive Programming (CP) Teacher

American University of Beirut

Sep 2021 – Ongoing

Remote | Beirut, LB

- Providing **full learning experience and support** for students through theory sessions, coding examples and friendly contests.
- Writing **20+ highly optimized algorithm and class implementations** to be used in the CP training.

Software Engineering Intern

Lemonade Fashion

Jun 2021 – Sep 2021

Beirut, LB

- Implemented a web crawler in Python and gathered more than **40MB of data** for **fine-tuning and search recommendations**.
- Updated the k-NN Exact Solver to an Approximate one, **decreasing execution speed by 15%**.

VB.Net Developer (MS Access)

Freelance

Jun 2018 – Jun 2020

- Deployed an **inventory managing system** for more than 200,000 records.
- Digitalized all transactions and files** for a local organization.

COMPETITIONS

Project Euler Contest

American University of Beirut

Apr 2021

- Ranked **1st** in a month-long math coding contest.

Lebanese Collegiate Programming Competition 2021

Association of Computing Machinery

Feb 2021

- Ranked **9th** in Lebanon in collaboration with two teammates.

SKILLS

C++

Java

Python

PHP

React

JS

Dart & Flutter

React-Native

GraphQL

PROJECTS & RESEARCH

Mobile Community Network

University of Copenhagen

Apr 2022 – Jun 2022

Copenhagen, DK

- Built a mobile app that provides a way of managing events, communicating between members, and customizing feature access **targeted for LMICs**.
- The app is in use by one small organization in Lebanon.
- Pitched a demo with a Technical Report to my supervisor, Dr. Daniel Spikol.

Google IT Support, Professional Certificate

Google

Jul 2020 – Dec 2020

Coursera | Online

- Learned to perform **day-to-day IT tasks** and to provide **end-to-end customer support**.

EXTRACURRICULARS



Leadership

AIESEC - Incoming Exchange Team.
Google Developer Student Club.



Social Work

450+ Hours of Community Service.



Piano

11 years in the Lebanese National Higher Conservatory of Music.

EDUCATION

Computer Science, BSc

American University of Beirut

Sep 2020 – Ongoing

Beirut, LB

- Dean's Honor List.
- GPA 3.96/4.0

Computer Science, Exchange

University of Copenhagen

Feb 2022 – Jun 2022

Copenhagen, DK

LANGUAGES

Arabic

English

French

