

EMMA ANDREEA CHIRLOMEZ

@ emma.chirlomez@gmail.com
✉ Zurich, Switzerland

in emma-andreea
🌐 https://chirlomez.com

🔗 emmachirlomez



EXPERIENCE

Software Engineer Intern

Google - Google Play

📅 July 2024 - October 2024

📍 London, UK

Developed and deployed to production a data pipeline ingesting and processing hundreds of billions of game usage statistics daily, using `Kotlin`. My project is a key component of the newest features of Google Play Games.

Software Engineer Intern

Google - Google Meet Android

📅 July 2023 - September 2023

📍 Stockholm, Sweden

Developed a modular *stats for nerds* dashboard for Google Meet using `Kotlin` and `Java`. The tool is used in development builds, and helps software developers extract metrics such as temperature, latency, and denoiser status.

Software Engineer Intern

Google - Google Health

📅 June 2022 - September 2022

📍 London, UK

Implemented data visualization widgets, using `Java` and `JavaScript`. My project enhanced the analysis and interpretation of data for several hospitals around the globe.

Student Software Engineer

ICEpower A/S

📅 June 2021 - June 2022

📍 Søborg, Denmark

Implemented a single page web application for managing audio devices, with a server running on a micro-controller, using `C/C++` and `VueJS`.

Teaching Assistant in Mathematics

Technical University of Denmark

📅 September 2020 - May 2021

📍 Lyngby, Denmark

Helped 1st year students understand the course material and graded their assignments.

AWARDS

Women in CS Scholarship Recipient

Bending Spoons

📅 October 2024

📍 Zürich

Received a scholarship promoting women in tech from Bending Spoons, after a series of challenges.

First Place Awardee

Technovation Challenge

📅 May 2018

📍 Romania

Designed and developed a mobile application promoting smart recycling. My team of five ranked 1st in the Romanian qualification phase of the Technovation Challenge, and won a trip to the Silicon Valley.

EDUCATION

Master of Cybersecurity

École Polytechnique Fédérale de Lausanne / ETH Zürich

📅 September 2022 - Present

- GPA 5.3/6.
- Joint degree as part of a collaboration between the two universities.

Bachelor of General Engineering

Technical University of Denmark

📅 September 2019 - August 2022

- GPA 10.62/12, top 5%.
- Followed the Cyber Systems study line.

Baccalaureate

International Computer High School of Bucharest

📅 2011 - 2019

- Baccalaureate GPA of 9.8/10.
- Took part in Chemistry and Math Olympiads, qualifying for the national phase for 6 consecutive years.

Other Certificates

- ECDL / ICDL
- IELTS / CAE C2
- German B1 Language Certification

SKILLS

- Intermediate: `C/C++`, `Java`, `JavaScript`, `TypeScript`, `Python`, `Kotlin`, `Git`.
- Basic: `F#`, `R`, `Linux`.

LANGUAGES

- 🇷🇴 Romanian - Native
- 🇬🇧 English - Fluent
- 🇩🇪 German - Intermediate
- 🇫🇷 French - Beginner