

EMMA ANDREEA CHIRLOMEZ

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EXPERIENCE

Software Engineer Intern

Google

- 📅 July - October 2024 📍 London, UK
Summer internship at Google Play, where I developed a pipeline ingesting and processing game usage statistics, using `Kotlin`.
- 📅 July - September 2023 📍 Stockholm, Sweden
Summer Internship at Google Meet Android, where I developed a *stats for nerds* dashboard for debugging Google Meet, using `Kotlin` and `Java`.
- 📅 June - September 2022 📍 London, UK
Summer Internship at Google Health, where I implemented data visualization widgets, using `Java` and `JS/TS`.

Student Software Engineer

ICEpower A/S

- 📅 June 2021 – June 2022 📍 Søborg, Denmark
Implemented a single page application - `SPA`, running on a microcontroller for managing audio devices, using `C/C++` and `VueJS`.

Teaching Assistant in Mathematics

Technical University of Denmark

- 📅 Sept 2020 – May 2021 📍 Lyngby, Denmark
My TA job consisted of helping 1st year students understand the course material and grading their assignments.

Chemistry Research Lab Intern

Romanian National Chemistry Research Center

- 📅 2017 – 2018 📍 Bucharest, Romania
Performed `NMR` spectroscopy analysis of amino-acid samples within a research project focused on addressing auto-immune disorders at birth.

AWARDS

First Place – National phase of the Technovation Challenge

- 📅 2018 📍 Romania
- My team of five ranked 1st in the Romanian qualification phase.
- Our project was centered around developing a mobile application promoting smart recycling.

8th and 12th rank – National Chemistry Olympiad

- 📅 2016, 2019 📍 Romania
- I qualified yearly to the Romanian Chemistry Olympiad finals.
- My best results are the 8th place (2016) and 12th place (2019).

6th rank – “Costin D. Nenitescu” National Contest.

- 📅 2017 📍 Romania
- I won the 6th place and an honourable mention at the most prestigious Romanian high-school chemistry contest.

EDUCATION

Master of Cybersecurity

École Polytechnique Fédérale de Lausanne

- 📅 September 2022 - Present
- GPA 5.3 out of 6.0.

Bachelor of General Engineering

Technical University of Denmark

- 📅 September 2019 – August 2022
- GPA 10.62 out of 12.0, top 5%.
- Followed the Cyber Systems study line.

Baccalaureate

International Computer High School of Bucharest

- 📅 2011 – 2019
- Baccalaureate grades out of 10.0:
 - Physics – 10.0
 - Mathematics – 10.0
 - Romanian Language – 9.40

Other Certificates

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

SKILLS

- Worked with `C/C++`, `Java`, `JS/TS`, `Python`, `Kotlin` and `Git`.
- Familiar with `F#`, `R`, and `Linux`.

LANGUAGES

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