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