

Oleksandr Tara

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Experience

Google Germany

Jul 2020 – Nov 2020

Software Engineering Intern

Small project. Compared current industry standard Password Strength Meters (PSM) to the state of art academia approaches. Recommended my team the best PSM based on this comparison.

Main project. Connected 3 services to an existing internal PSM in a secure and privacy-compliant way. We expect to protect ~2.76m user accounts per month with this project. Communicated with several teams throughout the development.

Google Ireland

Jul 2019 – Sep 2019

Site Reliability Engineering Intern

Developed validation logic for an internal low-level service. The service operates in every datacenter and is crucial for infrastructure. Closely worked with New York part of the team as well as local members.

Google Switzerland

Jul 2018 – Sep 2018

STEP (Software Engineer) Intern

Developed an internal analytic tool that gathers statistics on huge data containers (up to 2,5 PB). Worked with other colleagues both in my team and outside of the team with partners.

Education

Taras Shevchenko National University of Kyiv, 2017 - 2021

Cybernetics and Computer Science faculty

Bachelor's degree in Computer Science

Achievements

Average score 93.7 of 100 after 8 semesters of study.

Developed an algorithm for an open problem in computational geometry (dynamic Voronoi diagram) as my coursework. Published a paper about this algorithm in a university journal. Defended my Bachelor's thesis on the topic of image segmentation and depth estimation.

3rd place at the final stage of the Ukrainian research work competition in 2017 with the subject "Creating assistant bot with Microsoft Bot Framework". Member of Codeforces, Leetcode community. Hackathon participant.

Skills

Programming:

- C++ (proficient: Google internships, competitions, university projects)
- Java (proficient: Google internship, university projects, dynamic Voronoi diagram)
- Python (basic: summer robotics school, university projects)
- C# (basic: research work competition, university projects)

Technologies and other:

Google internal tools, MS Visual Studio, Microsoft Bot Framework, LUIS (Microsoft Cognitive Services), REST API, Azure portal.

Version control system: Git