Shiri Avni | CV

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Profile

Software Engineer / Site Reliability Engineer at Google. I am passionate about science, math, and code, and excited about utilizing technology to tackle theoretical and practical challenges.

Experience

Google   **Munich, Germany**
Software Engineer / Site Reliability Engineer   *Dec. 2022 – present*

Tech lead of a 4 person team developing the software for Google's internal management of firewall usage in GCP. Also developing oncall playbooks, designing SLOs, setting up alerting.

Google   **Munich, Germany**
Backend Software Engineer   *Aug. 2021 – Nov. 2022*

Developed features for CodeSearch, Google's internal tool for indexing, serving, and searching over Google's codebase. My work focused on developing indexing/searching capabilities for Git repositories.

Google   **Tel Aviv, Israel**
Backend Software Engineer   *July 2020 – July 2021*

Developed sport and weather notifications for Android/iOS devices.

Cornell-Tech   **New York City, NY**
Intern: iOS App Development for Endometriosis Patients   *Aug. & Sept. 2016*

Madatech, the Israel National Museum of Science   **Haifa, Israel**
National Service: Scientific Instructor   *Dec. 2012 – Dec. 2013*

Education

Oxford University   **Oxford, England**
MSc Computer Science (Distinction)   *Sept. 2017 – Sept. 2018*

Technion   **Haifa, Israel**
Double BSc Physics and Computer Science (Cum Laude)   *Oct. 2012 – June 2016*

Tsinghua University   **Beijing, China**
Exchange semester: graduate-level physics courses   *Sept. 2015 – Jan. 2016*

MSc. Thesis

Deep Facial Phenotyping for Rare Diseases   *Supervisors: Prof. Andrew Zisserman, Dr. Nellaker*
Utilizing CNNs to diagnose patients with a rare genetic disorder based on 2D facial patient photos.

Full Scholarships

○ **2017-2018:** Oxford-Weidenfeld and Hoffman Scholarship

○ **2013-2016:** Rothschild Scholars Technion Program for Excellence

Programming Languages

○ **Experience with:** Go, Python, C++, Java
○ **Some experience with:** SQL, Bash

Languages

English: Native   **Hebrew:** Fluent   **German:** B1