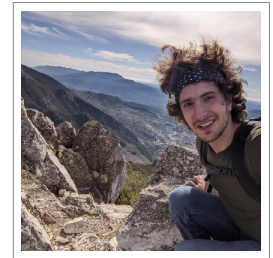


Revan Sopher

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Work

2018-

Google LLC, *Software Engineer*, Mountain View, CA.

TensorFlow TPU. TensorFlow APIs for graph distribution, word embeddings on TPU ML accelerator. Frameworks and developer infrastructure for model development, open source build/test/release.

2016-2018

Google LLC, *Software Engineer, Tools and Infrastructure*, Mountain View, CA.

Firebase Engineering Productivity. Hermetic simulation environments for various backend services, data pipelines. Preproduction management, disaster recovery planning.

2015

Coursera, *Software Engineering Intern and KPCB Fellow*, Mountain View, CA.

Infrastructure team. Worked on site load balancer, service deployment tooling. Designed and built real-time abuse protection service.

2014

Noom Inc., *Software Engineering Intern*, New York, NY.

Social team. Contributed across stack to build a group therapy system on Android and iOS, with database monitoring and internal tools. Built onboarding flow, notification center.

2013-2014

Nian-Crae Inc., *Full Stack Developer*, Piscataway, NJ.

Developed system to log and upload patient therapy metrics from Android devices into a database, and a web interface to visualize engagement.

Education

2012-2016

Rutgers University, *Double Major: Electrical/Computer Engineering and Computer Science*, Minor: Mathematics, **GPA: 3.832**.

Engineering Honors Program, Slade Scholars Program, Presidential Scholarship (full), National Merit Scholarship, NASA New Jersey Space Grant Consortium Fellow

Relevant Courses

Undergrad Algorithms, Artificial Intelligence, Computer Architecture, Cryptography, Data Structures, Distributed Systems, Internet Technology, Operating Systems, Robotics and Computer Vision

Grad Natural Language Processing, Numerical Analysis

Skills

Proficient Python, Java, C, Android, Git, Linux

Some Kotlin, Scala, MATLAB, JavaScript, TypeScript, C++, Go, Kafka, SQL

Fluent English, French

Research

2014-2016

Reading Between the Pixels: Real-Time Dynamic Steganography using Android.

Implementing subtle embedded calibrationless visible-light communication for next-gen QR tags.