

# Revan Sopher

San Francisco Bay Area  
✉ [rsopher@gmail.com](mailto:rsopher@gmail.com)  
📄 [revan.io](http://revan.io)  
📄 [github.com/revan](https://github.com/revan)



## 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

## Work

2016

**Google**, *Software Engineer, Tools and Infrastructure*, Mountain View, CA.  
Firebase Engineering Productivity.

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.

## Skills

Proficient Java, Scala, Python, C, MATLAB, Android, Git, Linux  
Some JavaScript, C++, Go, Play, Kafka, MySQL, Cassandra  
Fluent English, French

## Relevant Courses

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

Grad Natural Language Processing, Numerical Analysis

## 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.

## Leadership

2015  
2016

**Program Manager**, IEEE Student Branch.  
Organized technical workshops and gave lectures for ECE underclassmen.