# Revan Sopher

*179 Lake Avenue*
*Metuchen, NJ 08840*
☎ *(732)-306-5235*
✉ *rsopher@gmail.com*
↳ *rsopher.com*
 *github.com/revan*

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## Education

**2012-Present**  **Double Major: Electrical/Computer Engineering and Computer Science**, *Rutgers University*, Piscataway, NJ, **GPA: 3.8**.
Engineering Honors Program, Slade Scholars Program, Presidential Scholarship (full)

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## Skills

**Proficient**  Java, Scala, Python, C, Android, Git, Linux
**Some**  JavaScript, MySQL, Go
**Languages**  English, French
**Coursework**  Algorithms, Artificial Intelligence, Computer Architecture, Data Structures, Distributed Systems, Natural Language Processing, Operating Systems, Software Engineering

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## Work

**Summer 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.

**Summer 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.

**Summer 2013**  **Governor's School of Engineering and Technology**, *Research Mentor*, Piscataway, NJ.
Taught mobile game development and version control to high school students.

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## Research

**2014-2015**  **Detecting Planes in Real-Time for Camera Display Communications**, *Independent Study*, WINLAB.
Implementing subtle embedded calibrationless visible-light communication for next-gen QR tags.

**Spring 2014**  **Programmatically Determining Bus Occupancy**, *Independent Study*, WINLAB.
Built a predictive model of occupancy based on network traffic captured from a laptop.