

# Alvin Lin

## Software Engineer

Highly-skilled software engineer with more than 5 years in software design, development, and integration. Extremely proficient with JavaScript and Python. Skilled at project management and team coordination.

✉ alvin@omgimanagerd.tech

📞 (718) - 801 - 9971

📍 Brooklyn

🌐 <http://omgimanagerd.tech>

👤 [www.github.com/omgimanagerd](https://www.github.com/omgimanagerd)

## WORK EXPERIENCE

### Software Engineer Intern

Google Inc

05/2017 – 08/2017

Mountain View, CA

- Implemented a separate authentication flow into Google Sign-In to support a wider range of devices.
- Redesigned parts of the Google Sign-In API to streamline developer integration.
- Fixed various concurrency bugs in the Google Sign-In codebase.

Contact: Isabella Chen – [isachen@google.com](mailto:isachen@google.com)

### Teacher/Mentor

RoboMindTech

02/2014 – 08/2016

Queens, NY

STEM school and robotics education center

- Mentored First Lego League (FLL) and World Robot Olympiad (WRO) robotics teams.
- Created robotics education content for distribution in Singapore and Taiwan.
- Taught cryptography, web security, web design, game design, HTML, CSS, JavaScript, Java, Python, and Processing.

Contact: Dennis Chan – [robomindtechresearch@gmail.com](mailto:robomindtechresearch@gmail.com)

### Software Engineer Intern

School Yourself Inc

06/2014 – 09/2015

Manhattan, NY

<https://schoolyourself.org>

- Developed interactive widgets using JavaScript and SVG for geometry curriculum consumed by over 60,000 people in more than 100 countries around the world.
- Implementing the LTI OAuth protocol into the backend to allow for integration by external online learning platforms.
- Wrote a comprehensive series of tests to validate the behavior and interactions between the user-facing modules.

Contact: John Lee – [jjl@google.com](mailto:jjl@google.com)

## EDUCATION

### Computer Science Major

Rochester Institute of Technology

08/2016 – Present

Rochester, NY

## PRIMARY LANGUAGES

JavaScript

Python

HTML/CSS

Java

C

## ACHIEVEMENTS

### World Robot Olympiad 2014

Won nationals and competed internationally in Sochi, Russia.

### World Robot Olympiad 2015

Won nationals and competed internationally in Doha, Qatar.

### PennApps XIII - Plaid Prize Award

Awarded for creating a 3D sword fighting game using a smartphone connected to a computer.

### defhacks() 2015 - Best Game Award

Awarded for creating a multiplayer PvP tower defense game in 24 hours.

### Big Red Hacks 2016 - Best UI/UX Design Award

Awarded for creating a polished sustainability-themed game in Unity.

### Hack RPI 2016 - Best Video Game Award

Awarded for creating a multiplayer fighting game played using a smartphone connected to a computer.

## PERSONAL PROJECTS

### doctl (01/2017 – 03/2017)

- Open source command line interface for DigitalOcean services.
- <https://github.com/omgimanagerd/doctl>

### getnews.tech (06/2017 – Present)

- Open source news fetching application for the command line.
- `curl http://getnews.tech`

### Tank Anarchy (04/2015 – 12/2016)

- Multiplayer tank battle game made using web sockets on top of a node.js backend.
- <http://tankanarchy.herokuapp.com>