

## Education

**Massachusetts Institute of Technology**  
B.S. Computer Science  
Class of 2020 // Overall GPA 4.7/5.0  
// In-Major GPA 4.8/5.0

**Millburn High School**

## Languages

**Experienced:** Python, Java, Swift,  
Objective-C

**Proficient:** C/C++, C#, Javascript

**Exploring:** Golang

## Coursework

Embedded Systems  
Introduction to Algorithms  
Design and Analysis of Algorithms  
Artificial Intelligence  
Elements of Software Construction  
Cryptocurrency Engineering and Design

## Hackathon Awards

Listed 7th most hackathon wins globally on Devpost.com  
(<https://hackathonleaderboard.github.io/>)

**Hack Princeton** (600 People) April 2018  
Best AR/VR, 1517 Prize, Most Prolific Programmers

**Reality Virtually** (400 People) Oct 2017  
Best Mobile AR, Best Engineering, Construction

**HackMIT** (1200 UG Students). Sept 2017  
Best Travel Hack, Best use of Amedeus API

**PennApps** (1400 UG Students). Sept 2017  
2nd Place

**Apple WWDC** (350 Awarded Worldwide) June 2017  
Student Scholarship winner

**Hack Princeton** - (500 UG Students) Apr 2017  
Best IoT Hack

**MakeMIT** - (250 UG Students) Feb 2017  
Top Ten Hacks

**HackHarvard** - (500 UG Students) Oct 2016  
2nd Place - (Solo team)

**HackMIT** - (1100 UG Students) Sept 2016  
Best On-Demand Hack, Best Pusheen Reference

**StuyHacks** - (200 HS Students) May 2016  
2nd Place, Best Hardware Hack

**HackBCA III** - (500 HS Students) Apr 2016  
3rd Place, Best Mobile App

**TreeHacks** - (600 UG Students) Feb 2016  
Facebook's Favorite Choice Prize

**PennApps XII** - (2000 UG Students) Sept 2015  
Hottest Health Hack Prize

**HackBCA II** - (500 HS Students) Mar 2015  
2nd Place

## Experience

**Pear (getpear.com)** Winter 2019- Present  
CTO

Built the backend matching code of a dating website prototype  
which had 35k user signups

Raised a pre-seed round of funding

Leads the technical side of product development and engineering

**Google** Summer 2018

Software Engineering Intern - Google Search Assistant, Mountain View

Developed Siri extensions to allow the Google Assistant App to  
respond inline with Siri and work with Shortcuts in iOS 12

Refactored and finished features on the Google Assistant iMessage  
Extension for production

**Microsoft** Jan 2018

Garage Intern - Microsoft Garage, Cambridge

Worked on the InkToCode Garage project that converts shorthand  
drawings into usable and compilable XML/XAML UI code

Released InkToCode to production (Can be found on Windows Store)

Led a major refactor of the C# UWP app and how state is stored  
throughout the interactions

**IBM Watson Research** Jan, Summer 2017

Research Intern - OpenWhisk Team, Cambridge

Created a playground to facilitate the process of developing and  
testing openwhisk serverless functions

Explored the potential uses of serverless functions in Chat Bots

**iOS Developer (Freelance)** 2015-Present

Previously have done a lot of iOS Freelance work. Please contact me  
for more details.

## Selected Projects

**Meter** Jan 2017 - Aug 2017

Personal Project - MIT Sandbox Funded


Created with a friend in order to improve parking by using the sharing  
economy in urban areas. Developed an MVP that allows users to lend  
or rent out on-demand private parking spaces in the nearby area.

**PillAR**   Sept 2017

PennApps XVI - 2nd Place

Developed an AR app that helps track a user's medications and when  
they can and cannot take them. It uses Google's Vision API to detect  
different medications, scrape for instructions from the web, then  
displays in AR a card with the pill information and instructions over the  
medication along with the safe number of pills to take.

 [Github.com/averylamp](https://github.com/averylamp)

 [Devpost.com/averylamp](https://devpost.com/averylamp) (See my Hackathon Projects)

 [Averylamp.me/Videos.html](https://averylamp.me/Videos.html) (See Short App Videos)