

Education

Massachusetts Institute of Technology
B.S. Computer Science
Class of 2020 // Overall GPA 4.9/5.0
// In-Major GPA 4.9/5.0

Millburn High School

Languages

Experienced: Python, Java, Swift,
Objective-C

Proficient: C/C++, C#

Exploring: Javascript, Golang, Cuda

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

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.


Speak E-Z

  Oct 2016

HackHarvard - 2nd Place (solo team)

Created an app that uses speech recognition to transcribe speech. Speak E-Z then analyzes your speech and gives you areas to improve, detecting filler words, sentiment, and speech pace.

 [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)