

Education

Massachusetts Institute of Technology

B.S. Computer Science

Class of 2020 // Overall GPA 4.8/5.0

// In-Major GPA 4.9/5.0

Millburn High School

GPA: 4.26 // ACT 35

Languages

Experienced: Python, Java, Swift

Proficient: Objective-C, C/C++, C#

Exploring: Javascript, Golang, Cuda

Coursework

Fundamentals of Programming

Computation Structures

Embedded Systems

Introduction to Algorithms

Design and Analysis of Algorithms

Artificial Intelligence

Elements of Software Construction

Cryptocurrency Engineering and Design

Hackathon Awards

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 - Search Assistant, Mountain View

I will be working at Google this upcoming summer

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 functions

Developed an iOS Chat Bot interface using IBM services to facilitate the development of Chatbots using IBM Cognitive Services.

Simply plug in a backend and have a fully functional iOS Chatbot

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 - Present

Personal Project - MIT Sandbox Funded

Created with a team in order to improve parking by using the sharing economy in urban areas. Developed the iOS App that allows users to lend or rent out private parking spaces. MVP to be launched soon.

PillAR

  Sept 2017

PennApps XVI - 2nd Place

Developed an AR iOS app that helps track a user's medications and when they can and cannot take them. It uses computer vision 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 iOS 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)