

Education

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

Millburn High School
GPA: 4.26 // ACT 35

Languages

Experienced: Swift, Objective-C,
Python
Proficient: Java, Javascript, C++
Exploring: Haskell, R, Node.js

Coursework

Fundamentals of Programming
Computation Structures
Embedded Systems
Introduction to Algorithms
Design and Analysis of Algorithms F17
Artificial Intelligence F17
Elements of Software Construction F17
Applied Data Visualization F17

Hackathon Awards

HackMIT (1200 UG Students). Best Travel Hack, Best use of Amedeus API	Sept 2017
PennApps (1400 UG Students). 2nd Place	Sept 2017
Apple WWDC (350 Students Worldwide) Scholarship winner	June 2017
Hack Princeton - (500 UG Students) Best IoT Hack	Apr 2017
MakeMIT - (250 UG Students) Top Ten Hacks	Feb 2017
HackHarvard - (500 UG Students) 2nd Place - (Solo team)	Oct 2016
HackMIT - (1100 UG Students) Best On-Demand Hack, Best Pusheen Reference	Sept 2016
StuyHacks - (200 HS Students) 2nd Place, Best Hardware Hack	May 2016
HackBCA III - (500 HS Students) 3rd Place, Best Mobile App	Apr 2016
TreeHacks - (600 UG Students) Facebook's Favorite Choice Prize	Feb 2016
PennApps XII - (2000 UG Students) Hottest Health Hack Prize	Sept 2016
HackBCA II - (500 HS Students) 2nd Place	Mar 2015

Experience

IBM Watson Research

Jan, Summer 2017

Research Intern - OpenWhisk Team

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 your API endpoint and have a fully functional iOS Chatbot

iOS Developer (Freelance)

2015-Present

Developed an app for preordering and pickup of food at airports

Designed and created an app to handle guest lists/check in for events

Ported an app that uses computer vision for basketball dribbling analytics from Android to iOS

Now working with Posh Development on a smart inhaler app

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 and then it scrapes the instructions from the web. Then the app displays in AR a card with the pill information over the medication along with how many is safe to take.

Speak E-Z

  Oct 2016

HackHarvard - 2nd Place (solo team)

Created a Swift 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.

Reppin

  Apr 2016

HackBCA III - 3rd Place, Best Mobile App

Built a Swift/Objective-C++ app Reppin that counts your reps and motivates you during exercises. Reppin uses computer vision with OpenCV to track movement and dictate your rep count.

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

 [Devpost.com/averylamp](https://devpost.com/averylamp)

 Averylamp.me/Videos.html