

Education

Massachusetts Institute of Technology

B.S. Computer Science
Class of 2020

Millburn High School

GPA: 4.26 // ACT 35

Languages

Experienced: Swift, Objective-C/C++

Proficient: Java, Python, Javascript

Exploring: Haskell, R, Node.js

Coursework (By Summer 2017)

Fundamentals of Programming
Computation Structures
Introduction to Algorithms
Embedded Systems

Tools

Design: Sketch, Adobe Photoshop

iOS: Xcode

Backend: Parse, Firebase

Source Control: Git

Hackathon Awards

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
Dream it. Code it. Win it. - (100 Students) Winner	Apr 2015
HackBCA II - (500 HS Students) 2nd Place	Mar 2015
Code Day NYC - (100 HS Students) Best Application	Mar 2015

Experience

IBM Watson Research

Jan, Summer 2017

Mobile Research Intern - OpenWhisk Team

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

Developed a ChatBot using IBM services to demonstrate the use of the playgrounds, OpenWhisk, and IBM Cognitive Services

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

Worked on an app that creates a competition based social network

Selected Projects

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.

Appception

  Feb 2016

Treehacks - Facebook's Favorite Choice Prize

Developed an app using React-Native that allows any users to design UI without coding. Appception has a unique drag and drop interface that allows for the addition of elements as well as the editing of properties. Once placed, elements are live and respond to touch.

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.

PocketLab

 Sept 2015

PennApps XII - Hottest Health Hack Prize

PocketLab is an app made with Swift/Objective-C++ that is a blood diagnosis tool. It performs haematocrit analysis and blood cell shape analysis on blood smears with the use of computer vision with OpenCV.

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

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

 Averylamp.me/Videos.html