

Education

Massachusetts Institute of Technology
Masters in Computer Science
Class of 2021
B.S. Computer Science, Management
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,
Golang, Ocaml

Coursework

Embedded Systems
Introduction to Algorithms
Design and Analysis of Algorithms
Artificial Intelligence
Elements of Software Construction
Cryptocurrency Engineering and Design
New Enterprises
Performance Engineering of Software Systems
Operating Systems
Distributed Systems

Hackathon Awards

Hack Princeton (600 People) Best AR/VR, 1517 Prize, Most Prolific Programmers	April 2018
Reality Virtually (400 People) Best Mobile AR, Best Engineering, Construction	Oct 2017
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 Awarded Worldwide) Student 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

Experience

Jane Street June 2020 - Aug 2020
Software Development Intern
Worked as a desk dev on the International ETFs Team
Released new features on an internal schedule tool to help traders
Made performance improvements to the schedule service

Pear (getpear.com) Dec 2018 - Aug 2019
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


Contract Developer (Freelance) 2015-Present
Previously have done various freelance jobs. I have done a lot of iOS
contracting for small companies and pipeline infrastructure for
a biotech company. Please contact me for more details.

Selected Projects

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 (See Short App Videos)