

Objective	Undergraduate computer science student seeking summer 2021 software engineering internship.	
Education	Georgia Institute of Technology	2020 – 2024
	BS, Computer Science <i>Relevant Courses: Object-Oriented Programming, Discrete Math, Data Structures & Algorithms (Spring)</i>	Atlanta, GA
	Canyon Crest Academy	2016 – 2020
	High School Diploma, GPA: 3.93/4.0 (Unweighted) <i>Relevant Courses: AP Computer Science A, Linear Algebra, Multivariable Calculus, AP Calculus AB & BC</i>	San Diego, CA
Experience	Founder, Pryntabo	January 2017 - Present
	- Pryntabo is a startup that specializes in innovative electronic products made with 3D printing.	San Diego, CA
	- Led the development of 3 electronic products.	
	- Sold over 600 units to more than 10 countries.	
	- Ran 2 successful crowdfunding campaigns.	
	Intern, Leonardo DRS Daylight Solutions	August 2019 - January 2020
	- Engineered a laser-based system to identify the molecular makeup of gas samples.	San Diego, CA
	- Utilized Python to develop a desktop application for automatic laser control.	
	- Built C++ firmware for microcontrollers.	
	Intern, Victorise	June 2019 - December 2019
	- Prototyped Bluetooth wearable sports tracker.	San Diego, CA
	- Designed, tested, and implemented C++ firmware.	
	Intern, SD3D	June 2018 - July 2018
	- Engineered 3D printed products for clients.	San Diego, CA
	- Tested and implemented the Internet of Things (IoT) 3D printer automation platform.	
Skills	Programming: Python, Java, C/C++, HTML, JavaScript, CSS, Git	
	Spoken Languages: Mandarin (fluent), Cantonese (proficient), Spanish (basic)	
Projects	Smart AC Control (Team of 5), C++, Java, REST API, Firebase, Android Studio, Particle Cloud	
	Achieve automatic temperature control, remote control, and temperature scheduling with dormitory air conditioners.	
	Smart 3D Printer Emission Monitor , C++, jQuery, HTML, CSS, REST API, Particle Cloud	
	Monitor the emission of toxic chemicals from 3D Printing, collect emission data, and warn the user of potential dangers.	
	Hand Gesture Smart Light Control , C++, LIFX API, LAN Protocol	
	Control smart light and other internet-connected devices with hand gesture recognition.	
	Knobo , C++	
	An intuitive and compact device that helps the visually impaired learn braille.	
Leadership	Founder, Aquament	June 2019 - Present
	- Aquament is a nonprofit that aims to reduce ocean plastic pollution and make 3D printing more sustainable.	San Diego, CA
	- Lead the research and development of 3D printer filaments from plastic wastes.	
	Sponsorship Lead, Super Hack	August 2019 - June 2020
	- Super Hack is San Diego's premier high school hackathon organized by CCA Hack Club (over 400 signups, postponed due to Covid-19).	San Diego, CA
	- Acquired sponsors for this hackathon.	
	- Created workshops to teach the basics of machine learning.	
	Vice President/Treasurer, CCA Hack Club	March 2019 - June 2020
	- Taught programming through project-based learning.	San Diego, CA
	- Organized weekly meetings and managed expenses for the club.	
	Volunteer Coach, Master Sports Basketball	February 2016 - August 2019
	- Created training programs and taught basketball skills to middle school players.	San Diego, CA
Awards	2019 Hackaday Prize Best Benchmark	
	Awarded \$10,000 for my project Knobo.	
	2019 SeaWorld & Busch Gardens Youth Entrepreneurial Award	
	Awarded \$1,000 for my nonprofit Aquament.	
	2020 Georgia Tech Invention Studio Hackathon 2nd Best Hack	
	Presented for my team project Smart AC Control.	