

EDUCATION

Massachusetts Institute of Technology (MIT)

Cambridge, MA

- Bachelor's in Science for Electrical Engineering & Computer Science (2020)
- Master's in Engineering for Electrical Engineering & Computer Science (2021)

Relevant Courses: Underactuated Robotics, Robotic Manipulation, Robotics Sci. & Sys., Digital Systems Lab, Nanoelectronics, Artificial Intelligence, Deep Learning for Self-Driving Cars, EECS through Robotic Sensing, Algorithms, Computational Structures

WORK EXPERIENCE

Amazon

Boston, MA

Software Dev Engineer

Jul 2021 – Present

- Worked with the SmartMotion and Chimera teams under the Alexa MultiModal Initiatives org
- Developed and maintained Presence-related features on both Android and C++ for Alexa Echo Show Devices
- Worked with Computer vision team, Cloud team APIs and device-side state machines to create smart screen experiences
- Designed and implemented metrics dashboards on multiple platforms for operational excellence

MIT SeaGrant

Cambridge, MA

Research Assistant

Sep 2020 – Jul 2021

- Helped design, create, and program an autonomous surface vehicle to automate oyster farming for thesis
- Added various features to annotation app to work with different datasets and be more robust
- Created a desktop version of an open source web app for video and Image analytics for aquatic environments

Kitware

Clifton Park, NY

Software Engineering Intern

Jun 2020 – Aug 2020

- Helped develop APIs for open source projects dealing with geospatial and MEVA data
- Added various features to annotation app to work with different datasets and be more robust
- Created a desktop version of an open source web app for video and Image analytics for aquatic environments

Capital One

New York, NY

Software Engineering Intern

Jun 2019 – Aug 2019

- Created and deployed an API tool to production via an AWS Lambda and Custom Jenkins Pipelining
- Created an intermediate application to consume queries from Kafka streams in order to manipulate data in Postgres and Oracles DBs

Ultimate Software

Weston, FL

Software Engineering Intern

Jun 2018 – Aug 2018

- Acted as a member of the Tax Filing cell for Ultimate Software's tax solution (UTE)
- Communicated with tax business analysts to complete stories to fix and optimize PTM Tax codebase
- Coded in C# and created SQL Stored Procedures to develop and test stories

EXTRACURRICULARS/LEADERSHIP

StartLabs@MIT

Cambridge, MA

VP of Large Events

Sep 2017 - Present

- Student-run club dedicated to entrepreneurship and networking for start ups
- Organized, ran, filmed large scale event Entrepalooza for the undergraduate student body (2017, 2018)
- Managed logistics, marketed events, contacted and procured speakers and sponsors

Pi Lambda Phi Fraternity

Cambridge, MA

President

Dec 2018 - Present

- Act as leader and head of an off-campus independent fraternity of on average 40+ brothers
- Deal with all logistics, meetings, and decisions involving MIT's interfraternity council and Pi Lambda Phi International
- Was previously Vice President, Social Chair, Rush Chair, Academic Chair, Historian

SKILLS & SOCIETY

Computer and Technology: Python, Java, C/C++, C#, Verilog, Transact-SQL, ROS, Linux, Sentauros, Arduino, BlueSpec

Activities/Projects: MakeMIT 2017 (Pollution Sensor), MakeMIT 2018 (Smart Pull Up Bar), HackMIT 2017 (Song Suggestion UI)

Interests: Running, Videography, Dance