

Work Experience

SevenRooms, New York NY

Senior Software Engineer

Mar. 2023 - Present

Software Engineer

May 2021 - Mar. 2023

- Design and develop new client-facing features, including marketing double opt-in, email preference center widget, and the loyalty program widget
- Optimize key processes for email campaign activity tracking and client autotag rebuilds, leading to cost reductions of ~75%
- **Skills:** Python, Javascript, React, Google Cloud Platform

IBM, Austin TX

Software Developer | IBM Spectrum Protect

June 2020 - May 2021

- Conducted functional testing for new product features via scripting
- Implemented frontend components for the Operations Center web interface

Hardware Developer | OpenPOWER & OpenCAPI Enablement

Sept. 2019 - June 2020

- Tested and verified system designs from internal and external partners through scripting and modeling
- Used Python and shell scripting to automate OpenCAPI testing processes

Hardware Developer Intern | OpenPOWER Enablement

June - Aug. 2018

- Developed benchmark code in C to test the bandwidth of PCIe Gen 4 under different system setups
- Developed a Python program to allow SSH connection to multiple systems using an interactive GUI

Syska Hennessy Group, New York NY

June - Aug. 2017

Electrical Engineering Intern

- Conducted electrical systems design, analyzed meter data, drafted equipment load schedules for the Canadian Consulate, 550 Madison Ave., and the NYU Langone Medical Center

Project Experience

Toolify

Mar. 2020 - May 2020

- Built a full stack web app offering multiple tools for Spotify users via Python/Flask backend and React frontend
- Leveraged k-means clustering to provide users with song recommendations for a given playlist

Gemstone Honors Program, Team VOLTAGE

Sept. 2015 - May 2019

Project Co-Author, Financial Liaison

- Researched lowering the cost required for electrowetting based displays through prototyping alternative designs
- Fabricated microscale prototype devices via clean room equipment

Leadership Experience

Bitcamp Organizer

Aug. 2016 - May 2019

Director of Sponsorship

- Led meetings, coordinated with team to collect and manage funds for the hackathon
- Contacted university affiliated partners and independent corporations to fulfill a 200k budget

Technica Organizer

May 2017 - Dec. 2018

Product Manager, Photographer

- Worked with the tech team to define features and success metrics for the hackathon mobile app
- Coordinated between teams to ensure a smooth launch of the app before the event

Education

Georgia Institute of Technology

M.S., *Computer Science* | 2024

University of Maryland, College Park

B.S., *Electrical Engineering* | 2019

Honors

University of Maryland President's Scholarship

2015-2019

A.James Clark School of Engineering Dean's List

2016, 2017

Skills & Technologies

Python, React, Javascript, Google Cloud Platform, C/C++, SQL, HTML/CSS, MATLAB, Verilog