

# Jason Ittner

Austin, TX  
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## Education

Georgia Institute of Technology Aug. 2020 - May 2022 (part-time, expected)  
*M.S., Computer Science*

University of Maryland, College Park Aug. 2015 - May 2019  
*B.S., Electrical Engineering (specialization in Computer Engineering)*

**Coursework:** Computer Networks, Introduction to Machine Learning, Computer Security, Digital Computer Design, Computer Organization, Engineering Probability, Signal and System Theory, Digital Logic Design, Front End Web Design

## Work Experience

SevenRooms, New York NY May 2021 - Present  
*Software Engineer*

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
- Set up and carried out SPEC CPU2006/2017 benchmarks to test system performance
- 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
- Worked on 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
- Leverage 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

## Honors

University of Maryland President's Scholarship 2015-2019

A.James Clark School of Engineering Dean's List 2016, 2017

## Skills

Proficient in: C, Python, SQL, React, HTML/CSS, MATLAB, Verilog, JavaScript, Git, SPEC CPU, Perf, Microsoft Excel, Linux/Unix

Exposed to: Java, Revit, EAGLE, KiCad, PSpice, MIPS