Jason Ittner

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jittner.com

Education

Georgia Institute of Technology   Aug. 2020 – May 2023 (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