Jason Ittner

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Education

University of Maryland, College Park — Aug. 2015 - May 2019
B.S., Electrical Engineering
Specialization in Computer Engineering

Coursework: 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

IBM, Austin TX — Sept. 2019 - Present
Developer

IBM, Austin TX — June - Aug. 2018
Developer Intern, OpenPOWER Enablement Team
- 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 script to allow SSH connection to multiple systems using an interactive GUI

Syska Hennessy Group, New York NY — June - Aug. 2017
Electrical Engineering Intern
- Supported junior and senior engineers through the use of AutoCAD MEP, Revit, and Microsoft Excel
- Assisted with 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

Gemstone Honors Program, Team VOLTAGE — Sept. 2015 - May 2019
Project Co-Author, Financial Liaison
An invitation-only, four-year program in which students conduct a team-based research project.
- Focused on lowering the cost required for electrowetting based displays through alternative designs
- Fabricated test devices through the use of clean room equipment

Robotics at Maryland — Jan. 2018 - Dec. 2018
Electrical Subteam
- Designed mixed-signal printed circuit boards for underwater robot using EAGLE

Introduction to Engineering Design, Over-Sand Vehicle — Sept. - Dec. 2015
Section Council, Project Leader, Software Subsystem Leader
- Assigned a group of eight classmates based on skillsets in order to create an autonomous OSV
- Spoke and made decisions on behalf of group, led meetings, wrote and debugged Arduino code

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 — Spring 2016, Spring 2017

Skills

Proficient in: C, Python, HTML/CSS, MATLAB, Verilog, JavaScript, SPEC CPU, Perf, Microsoft Excel

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