Brett Lofendo

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Coursework

University of Illinois at Urbana-Champaign   Champaign, IL
- B.S. Computer Engineering, Class of 2022   Aug. 2018-Present

Experience

BP   Chicago, IL
Data Engineering Intern   Jan. 2020-Aug. 2020
- Developed interactive data visualizations in Power BI for the CBM Modernization team
- Analyzed large datasets and devised useful relationships among tables to compute useful calculations
- Participated on an agile team and met with product owners to set requirements for development

Codagami Inc.   Champaign, IL
Software Development Intern   Sep. 2019-Dec. 2019
- Contributed to designing, testing, and releasing the McDonald's Canada mobile app for Android
- Effectively debugged complex data structures to improve functionality and user experience
- Collaborated with an agile team of developers using scrum techniques

Sole Proprietorship - Aftermarket Specialization   Huntley, IL
Owner   Jan. 2020-Present
- I obtain limited items in bulk and obtain and supply clients around the world based on their needs
- 2020 Revenue: $75,000

Mission Control Systems Inc.   Elk Grove Village, IL
Controls Engineering Intern   May 2019-Aug. 2019
- Programmed and wired PLCs and VFDs for large scale automation
- Produced AutoCAD drawing packages - schematics, physical layouts, bills of materials

Projects

Scope - github.com/brettlofendo/scope   Champaign, IL
Java, Javascript (React), SQL   April 2020
- Developed a web application using a JSON REST API where students and instructors could view enrolled classes and other administrative information

Portfolio - brettlofendo.github.io   Champaign, IL
HTML, CSS, Javascript   Jan. 2021-Present
- Designed and developed my personal website without any frameworks or packages

Autonomous Sunroof Closing System   Huntley, IL
Engineering Design and Development   Aug. 2017-May 2018
- Designed and implemented an automatic sunroof closing controller for a 2009 Nissan Altima with timing relays, logic gates, and other circuitry

Leadership

Sigma Phi Delta: Social-Professional Engineering Fraternity   Champaign, IL
Vice President   Dec. 2020- Present
- Managed a budget, organized professional development events, and directed 70 members for a semester

Risk Reduction Chairman
- Mitigated risk among a fraternity, introduced new rules and regulations, and oversaw communications

Head *Recruitment Officer*   Dec. 2018-Dec. 2019
- Organized and led official recruitment events and managed a budget of over $300