

Brett Lofendo

brettlofendo.github.io • lofendo2@illinois.edu • (847)-961-0287

Coursework

University of Illinois at Urbana-Champaign

- B.S. Computer Engineering, Class of 2022

Champaign, IL
Aug. 2018-Present

Experience

BP

Data Engineering Intern

- 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

Chicago, IL
Jan. 2020-Aug. 2020

Codagami Inc.

Software Development Intern

- 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

Champaign, IL
Sep. 2019-Dec. 2019

Sole Proprietorship - Aftermarket Specialization

Owner

- I obtain limited items in bulk and acquire and supply clients around the world based on their needs
- 2020 Revenue: \$75,000

Huntley, IL
Jan. 2020-Present

Mission Control Systems Inc.

Controls Engineering Intern

- Programmed and wired PLCs and VFDs for large scale automation
- Produced AutoCAD drawing packages - schematics, physical layouts, bills of materials

Elk Grove Village, IL
May 2019-Aug. 2019

Projects

Scope - github.com/brettlofendo/scope

Java, Javascript (React), SQL

- Developed a web application using a JSON REST API where students and instructors could view enrolled classes and other administrative information

Champaign, IL
April 2020

Portfolio - brettlofendo.github.io

HTML, CSS, Javascript

- Designed and developed my personal website that is continually updated to reflect my portfolio

Champaign, IL
Jan. 2021-Present

Autonomous Sunroof Closing System

Engineering Design and Development

- Designed and implemented an automatic sunroof closing controller for a 2009 Nissan Altima with timing relays, logic gates, and other circuitry

Huntley, IL
Aug. 2017-May 2018

Leadership

Sigma Phi Delta: Social-Professional Engineering Fraternity

Vice President

- Managed a budget, organized professional development events, and directed 70 members for a semester

Champaign, IL
Dec. 2020- Present

Risk Reduction Chairman

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

May 2020-Dec. 2020

Head Recruitment Officer

- Organized and led official recruitment events and managed a budget of over \$3000

Dec. 2018-Dec. 2019