

Brett Lofendo

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Coursework

University of Illinois at Urbana-Champaign

- B.S. Computer Engineering, Class of 2022

Champaign, IL
Aug. 2018-May 2022

Experience

ABN AMRO Clearing Chicago LLC

Data Engineering Intern

- Accelerated a database migration project by resolving discrepancies in large datasets
- Utilized SQL queries to pinpoint data quality issues and produce analysis reports
- Applied knowledge of financial markets to identify areas of improvement in the data life cycle

Chicago, IL
Jun. 2021-Aug. 2021

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 with Jira

Champaign, IL
Sep. 2019-Dec. 2019

BP

Data Engineering Intern

- Developed several 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

Sole Proprietorship - Aftermarket Specialization

Owner

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

Huntley, IL
Jan. 2020-Present

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

Javascript, HTML, CSS

- 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

Risk Reduction Chairman

- Mitigated situational risk, introduced new rules and regulations, and oversaw communications

Head Recruitment Officer

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

Champaign, IL
Dec. 2020- Present

May 2020-Dec. 2020

Dec. 2018-Dec. 2019