Samuel Lisa

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WORK EXPERIENCE

Ecolab   Jun. 2020 – Aug. 2020
Digital Engineering Intern   *St. Paul, MN*
- Designed and built REST APIs using MuleSoft to connect Salesforce apps with databases.
- Developed extensive unit testing and error handling of APIs.
- Published design process documentation and presented project results to business leaders.

Rockwell Automation   May 2019 – Dec. 2019
Software Engineering Co-op   *Cleveland, OH*
- Developed code and testing for both the front end and back end of a new integrated development environment (IDE), using a variety of technologies including TypeScript, Git, GraphQL, Xtext, and HTML.
- Attended technical workshops and learning events to strengthen skills as a developer.
- Presented work in the form of live demos.

Shared Power Network   Oct. 2019 – Nov. 2019
Software Developer   *Columbus, OH*
- Developed an interactive webpage that grabs and displays live data of solar panels based on user behavior, complete with search bar functionality.
- Technologies used include JavaScript, jQuery, Bootstrap, and HTML.

EDUCATION

The Ohio State University   Aug. 2016 - May 2021
BS, Computer Science & Engineering   *Columbus, OH*
- GPA: 3.43.
- Minor in Political Science.
- Vice President, The Italian Club; general member, Design Develop Deploy Club.

PROJECTS

Ecolab Hackathon (1ˢᵗ place)   Jul. 2020
- Worked on a team of four to develop a food inspection analysis tool that connects restaurants that have failed a city inspection with Ecolab's sanitation or pest service department, depending on the violation.
- Used Microsoft Azure tools to incorporate machine learning, visualizations, and a notification system into the project.

Legend of Zelda (1986 NES) Game Recreation   Jan. 2020 - May 2020
- Worked on a team of six to develop the Legend of Zelda video game from scratch using C# and Monogame.
- Final version of the game had perfect functionality, with some enhancements not included in the original game.

SKILLS & INTERESTS

- **Computer Skills:** Java, JavaScript, C#, C++, C, Python, HTML, CSS, Bootstrap Git, TypeScript, MuleSoft, iOS development, API development, Microsoft Office, Microsoft Azure.
- **Other Skills:** Agile development, public speaking, verbal and written communication.
- **Interests:** Board games, basketball, travel, movies, podcasts, reading, skiing, hiking.