Claire Wang

clairewang1616@gmail.com

EDUCATION

University of Illinois at Urbana-Champaign May 2023
Bachelor of Science, Major in Systems Engineering, Minor in Computer Science
- Cumulative GPA: 3.31/4.0
- Junior/Senior GPA: 3.5/4.0

EXPERIENCE

Sensormatic Chicago, IL | July 2023 - Present
Software Engineer
- Conducted in-depth research to identify root causes of program and workflow issues, developing and implementing effective solutions to enhance efficiency and performance.
- Developed clear, strategic plans and thoroughly analyzed solutions before implementing software solutions, ensuring efficient and well-architected outcomes.
- Led the development of a user interface that enables internal users to monitor and manage user privileges and status across multiple databases using Typescript and HTML.
- Identified and addressed critical issues to ensure optimal functionality and user experience
- Enhanced communication protocols and logic between IoT devices, Google Pub/Sub, and Google Kubernetes, optimizing system performance and scalability.

Johnson Controls Chicago, IL | May-August 2022
Machine Learning Intern
- Developed a prototype web server page for Orbit 8 using Flask and Python.
- Transformed the prototype into a finalized design utilizing C++, Civetweb, JavaScript, HTML, and shell scripting.
- Designed a web interface to display device parameters and configuration values, enabling user modifications.
- Implemented functionality for real-time changes directly on the device, ensuring immediate reflection of updates.

CERTIFICATES

Google Cloud Certified Professional Developer April 2024
Google Cloud Certified Associate Cloud Engineer December 2023

PERSONAL PROJECTS

End-to-End Pub/Sub Dataflow Test Shell, File Concatenation Tool

SKILLS

Coding:	Java, Python, Golang, C++, JavaScript w/ jQuery, Typescript, HTML w/ Bootstrap, C, Shell, MIPS, Verilog, MATLAB
Tools and Framework:	Visual Studios Code, IntelliJ, Pycharm, MySQL, Git, Confluence, Bitbucket, MongoDB, DBeaver, GitHub, Remote Desktop, PuTTY, Bash, PowerShell, Command Prompt, Ubuntu, Nginx, NPM, CivetWeb, Flask, Angular, Google Kubernetes, Google PubSub, Firebase, ApigeeX