

## EXPERIENCE

### Engineering Intern (Python, PostgreSQL, OpenCV, SerpApi, difPy, Wordcloud)

Audere • Aug 2023–Jan 2024

- Created tool for gathering and filtering web-scraped images for AI model training data
- My program delivered 10x our goal, while maintaining a high standard of quality, thus reducing costs
- Presented regularly to executive leadership about my progress
- Collaborated with product managers and engineering team to define project requirements, increasing scope from a proof of concept to a scalable and reusable CLI tool
- Documented the project's architecture to facilitate transfer of knowledge to full-time engineers

### IT Support (Computer Support Technician I)

University of Washington Paul G. Allen Center • Apr 2019–Sep 2022

- Duties: Networking, asset management, imaging, software and hardware configuration, and technical troubleshooting (macOS, Windows, Linux)
- Maintained a Google Apps script used for documenting server issues, reducing unwanted server downtime
- Researched, documented, and updated troubleshooting steps, IT best practices, and processes on internal documents
- Ensured accurate entries while updating proprietary equipment database through a command line interface
- Trained, delegated tasks, and directed Student Lab Assistants (SLAs)

## PROJECTS

### 3D Bubble Tea (React, Three.js, React-three-fiber, Apache Spark)

Jul 2023–Aug 2023 - <https://threed-bubble-tea-ordering.onrender.com/>

- Developed a react-three-fiber web app with three.js in a team of two. Users customize a bubble tea order, which has a 3D preview that updates in real-time as they make changes
- Created an analytics page to show drink choice popularity based on drink order data using Apache Spark
- Designed a user-friendly UI and front end for tailoring drinks and utilized a React router for the About section

### Inspiration Board Website (Flask, PostgreSQL, React, Axios)

June 2023 - <https://byte-sized-inspiration-board.netlify.app/>

- Built a back-end to manage inspiration boards and cards using Flask and PostgreSQL
- Led distribution of front end and back end work for a group of four, enabling the team to finish two days early
- Created a responsive front end to display new changes, options, and update the database using React and Axios
- Implemented simple UX to support creating, viewing, altering, and delete boards and tasks

### Task List API & Front End (Flask, PostgreSQL, React, Axios)

May 2023–June 2023 - [github.com/Coolcud/task-list-api](https://github.com/Coolcud/task-list-api), [github.com/bunnaery/task-list-front-end](https://github.com/bunnaery/task-list-front-end)

- Built an API using Flask and PostgreSQL and deployed on Render, allowing users to manage their tasks and goals
- Created conventional RESTful routes for CRUD operations, and unconventional routes for custom behaviors
- Built a client-side website using React, integrating the Task List API to enable users to view and manage tasks

### Help Line Website (JavaScript, HTML, CSS, Bootstrap)

Aug. 2017–Sept. 2017 - [channym26.github.io/HelpLine/index.html](https://channym26.github.io/HelpLine/index.html)

- Built a website in a team of four to provide education and resources on sexual assault prevention
- Used Bootstrap to create an educational carousel of facts and interactive quiz
- Tested and modified front end interactive elements

## SKILLS & TECHNOLOGIES

- **Programming Languages:** Python, Java, JavaScript, SQL, HTML, CSS
- **Frameworks & Libraries:** Flask, React, Axios, Node.js, Bootstrap, OpenCV, SerpApi, difPy
- **Tools:** Git, GitHub, VSCode, Postman, Render, Slack, Jira, Confluence
- **Methodologies:** TDD, OOP, Agile, REST API, Pair Programming, ERD, CI/CD

## EDUCATION

### Full Stack Web Development Bootcamp

Ada Developers Academy • Mar. 2023–Jan. 2024

### B.A. in Food Systems, Nutrition & Health

University of Washington • Sept. 2018–Mar. 2022