SAGE CHOI
SOFTWARE DEVELOPER

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EXPERIENCE

Engineering Intern (Python, PostgreSQL, OpenCV, SerpApi, difPy, Wordcloud)
Audere • Aug 2023–Jan 2024

- Created custom tool for gathering and filtering web-scraped images for foundational AI model training
- Increased training data quantity by 10x, reducing manual image generation labor and costs
- Collaborated with CV team members to define data requirements and analysis
- Documented and communicated scripting procedures and integration steps

Computer Support Technician I
University of Washington Paul G. Allen Center • Apr 2019–Sep 2022

- Provided networking, hardware, and software troubleshooting for Windows, Linux, and macOS devices while maintaining clear communication with customers
- Researched, documented, and updated troubleshooting steps, IT best practices, and processes on internal documents
- Debugged and managed a Google Apps script used for documenting server issues, reducing unwanted server downtime
- 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/

- Worked in a team of two to develop a react-three-fiber web app with three.js models in a React form, allowing users to customize bubble tea orders and view real drinks from Young Tea in Wallingford; received 450+ orders
- 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/

- Led distribution of front end and back end work for a group of four, enabling the team to finish two days early
- Built a back-end to manage inspiration boards and cards using Flask and PostgreSQL
- 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, 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

- 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

B.A. in Food Systems, Nutrition & Health
University of Washington • Sept. 2018–Mar. 2022

Full Stack Web Development Bootcamp
Ada Developers Academy • Mar. 2023–Jan. 2024