

Susan Wu (she/her)

Software Engineer in the San Francisco Bay Area, CA

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Python, Javascript, Flask, JSON, jQuery, AJAX,
React, PostgreSQL, SQL, SQLAlchemy, HTML, CSS, Jinja, Git
Agile/Scrum, Google Workspace, Smartsheet, Microsoft Office, Lascom PLM

PROJECTS

Happy Trails | [Github](#) | [Demo](#)

Developed a full-stack site that allows users to search and save hiking trails from national parks. This app was designed with a Python/ Flask back-end, a PostgreSQL database and a JavaScript front-end. Styled using CSS and Bootstrap

- Incorporated the National Park Service (NPS) API to store national park data in database and to display trails in search feature
- Used AJAX and Google Maps API to display coordinates of user's favorite parks
- Developed project timeline and goals, including project outline, MVP, data model, user flow and wireframes

EXPERIENCE

Software Engineer Fellowship

Mar 2023 - Jun 2023

Hackbright Academy

- Developed experience in all phases of Agile Methodology to complete a high value web application
- Implemented the best practices of Agile Scrum methodology to streamline collaboration and tackle deadlines efficiently
- Collaborated with fellow software engineers to accomplish daily application development and debugging

Food Technologist

Aug 2019 – Oct 2022

Impossible Foods Inc.

- Built and designed an automated shelf life testing schedule via Smartsheet using scripting with conditional logic expressions
- Managed product specifications and documentation on product life management system for multiple projects
- Led product sensory, performance, and operational qualifications of 23+ plant based products at scale
- Planned and executed 15+ pilot trials, 5+ manufacturing trials, and supported 5+ manufacturing trials
- Analyzed sensory and product evaluations data used to define product specifications
- Implemented quality release criteria, specifications and assessed range of defects in support of critical launch decisions
- Assessed different manufacturing processes and technologies to determine new product development feasibility
- Managed relationships and technical timelines within cross functional teams and co-manufacturers

EDUCATION

Hackbright Academy

Mar 2023 - Jun 2023

Software Engineering Fellowship - Certificate, Full-time Software Engineering Program

University of California, Davis

Sep 2015 - Jun 2017

B.S., Biological Sciences