

Hillary Dunkley

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Education

Smith College

Expected graduation: May 2025

B.A. Computer Science, B.A. Music

Relevant Coursework:

Introduction to Data Structures, Introduction to Software Engineering, Introduction to Computer Science through Programming, Microprocessors and Assembly Language, Introduction to Programming Language Concepts, Discrete Mathematics

Technical Skills:

Frontend: HTML, CSS, JavaScript, React, Bootstrap Software Engineering: Python, Java, Ruby, Ruby on Rails Misc: Version Control/Git, Agile Methodology, MVC, SQL, Postgresql, MongoDB, Shopify, WordPress

Technical Projects

wellBE - Hack(h)er 413 Hackathon

- Led a team of 4 for health and wellness website that deemphasized calorie counting and emphasized macro nutrients
- Designed mockups of website, implemented the frontend using HTML/CSS
- Implemented search functionality for food search using JavaScript
- Won the Panera Hack for a Healthier Happier World Prize

ValetBike

- Developed a bike-rental application that allows users to create an account, search for stations via a search bar or a map, choose from available bikes and purchase a rental, in a complete software development cycle
- Utilized MVC structure, Leaflet API and Stripe API
- Implemented tech stack comprised of Ruby on Rails, SQL, HTML, and CSS

Leadership

Smithies in CS - Hackathon Chair and Corporate Outreach Chair

- Hackathon Chair: organized SmithHacks hackathon for Fall 2023, managed and communicated with students on CS board
- Corporate Outreach chair: researched potential corporate sponsors and communicated with companies, created sponsorship package and pitch deck for hackathon

Work Experience

Technology Innovation Intern - Panera Bread

June 2023 - Present

- Developing a **React** project connecting a **Postgresql** database for the front-end of an IoT-Camera Vision system to detect if associates are selecting the correct sides for guests' orders
- Ideated and pitched a reusable cup system for Unlimited Sip Club members that utilizes RFID stickers to connect specific cups to MyPanera accounts

Website Designer and Developer

June 2023 - Present

- Implementing a **Wordpress** website for Becca Belofsky, a mental health educator and peer advocate specializing in hoarding disorder
- Designed and prototyped a mockup of the website using Figma