Jacq Kirkman

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Creative software engineer with a passion for creating high quality end user experiences and tackling complex problems. Proven track record of successfully building frontend and backend solutions. Looking to collaborate with like-minded individuals and grow my technical skill set.

PROJECTS

Pokemon Palettes (August 2023 - Present)
- Utilized Pokemon **Restful API** to create a color theory quiz game based on Pokemon sprite art
- Implemented **median cut algorithm** to identify color palette types
- Established **AWS-hosted MySQL database** to store palette type information

Chef Bop, Link (December 2022 - July 2023)
- Revamped **user experience design** to better align with the idea of creating an accessible, straightforward cooking app
- Built responsive desktop website in **React** and mobile app in **React Native**

EXPERIENCE

Web Developer, Rolling Robots (May 2022 - Present)
- Worked in cross-functional team to build and maintain features for a STEM camps eCommerce website, utilizing **React**, **Redux**, and **MongoDB**
- Developed a **Python web scraper** using **Beautiful Soup** to extract lesson materials and implemented **Notion API** integration to automate the transfer of scraped data into the Notion workspace
- Adapted methodology for creating feature and codebase documentation using **Github Wiki**
- Proficient in troubleshooting and resolving technical issues to ensure seamless user experiences

Animation Instructor, DigiPen Institute of Technology (May 2021 - June 2022)
- Designed and instructed lessons for a year long digital art and animation class
- Coordinated with co-teachers to facilitate cross disciplinary game jam resulting in the completion of 12 games over the span of two weeks
- Led career skills workshops for students to learn how to create portfolio websites

Animation Instructor, Sony Pictures Media Arts Program (May 2020 - June 2021)
- Collaborated with a team of instructors to provide a free after-school animation program
- Established scholarship program for middle school students and guided them through the application writing process

EDUCATION & SKILLS

North Seattle College, Majoring in Computer Science (September 2023 - Expected Graduation June 2026)

California Institute of the Arts, Majored in Character Animation (August 2019 - May 2020)

Languages: JavaScript, HTML, CSS, Python, Java, PHP
Skills and Tools: React, Node.js, MongoDB, Firebase, Bootstrap, Wordpress, Material-UI, Figma, React Native, Git, GitHub, Agile, Visual Studio, MySQL, API Integration, Object Oriented Programming