Carl Dungca

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Portfolio: https://cdungca.com/

GitHub: CarlsJr4

About Me

My first memory of web development was my team disbanding while maintaining a big website. Of the 7 members, I was the only one to stay. I didn't even know what HTML or CSS stood for, yet I inherited a complicated mess of frameworks and spaghetti code. I was ecstatic; I loved reverse engineering anything I could wrap my head around. Fast forward to today, and now I can design, develop, and deploy websites and web applications from scratch. I am in love with what I do and I'm ready to take the next step to extend my skills to a professional level.

Skills

- **Languages:** JavaScript, HTML5, CSS3, Python
- **Frameworks:** React, jQuery
- **Tools:** Git, Github, SCSS/SASS, GraphQL, Gatsby, Bootstrap, Figma

Experience

District Events Website Chair, CNH Circle K International May 2018 – April 2019

- Designed, developed, and deployed 2 static websites
- Acquired 9,338 combined pageviews for both websites
- Attended bi-weekly meetings with creative team to discuss branding and design

Technology Chair, UCSD Circle K International March 2018 – April 2019

- Led and managed the official UCSD Circle K International website
- Chaired a committee of four to design and implement new webpages
- Implemented responsive design across the entire website
- Achieved a 24.37% increase in mobile users

Projects

- **Recipeze** – React, SCSS, HTML5 (https://recipeze.dev/) (Github)
  - Utilized React Hooks to build components
  - Processed user input through HTML forms and JavaScript
  - Worked with JSON data from Spoonacular's recipe API

- **Waker** – React, HTML5, CSS3 (https://waker.dev/) (Github)
  - Managed app state through array methods and spread syntax
  - Utilized the ReactDnD library to design drag and drop features
  - Implemented form validation by checking state during state changes

- **Maze Solver** – Python, PyTest, Jupyter Notebook (Github)
  - Implemented random maze generation through array methods
  - Unit tested class methods using the PyTest module

Education

B.S Nano-Engineering – University of California, San Diego

December 2019