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James Cunningham

github.com/JamesCunningham304
<https://jamescunningham304.github.io/JCPortfolio/>

Developer that is eager to learn and likes learning by doing. Seeking to use obtained skills in coding to meet business and customer needs. Seeking to enhance understanding to grow skillset. Created projects to further grow my understanding of development. Have learned the use of data structures and algorithms in coursework.

Projects

- **Tic Tac Toe** - Created to enhance knowledge of React.js. Struggled and learned about how components communicate to different files (like props). The project also uses npm
- **SunnySide Landing page** - With a given design, the project was created to learn about frontend development capabilities. Uses frontend development concepts like flex, grid, etc. Learning to organize the landing page into different sections was the challenge of this project.
- **Portfolio/PersonalWebsite**(<https://jamescunningham304.github.io/JCPortfolio/>) - Composed to highlight my learning to become a developer. Uses the main frontend development languages HTML, CSS, github pages, and JavaScript. The challenge this project created was organization, responsive design, CSS animation, and using JavaScript to change colors and retain colors when exiting out and refreshing the webpage.

Education

- **B.Sc. Computer Science**, California State University Dominguez Hills **Expected 2022**

Technologies and Languages

- Languages: Java, HTML, CSS, JavaScript
- Technologies/Frameworks: Git, React, VSCode, IntelliJ, NPM
- Other: Data structures and algorithms

RELEVANT COURSEWORK

- **CSC 311 Data Structures** - Learned about the purpose of data structures (arrays, arraylists, linked lists, stacks, queues) and how/when to use them.
- **CSC 401 Analysis of Algorithms** - Learned about algorithms (G-P algorithm, binary search, etc) and Big O notation to see how optimized code looks like.
- **CSC 255 Dynamic Web Programming** - Created web applications using HTML, CSS, and Javascript.

Organizations

- **ACM Association for Computer Machinery** - Practiced programming skills and learning about some algorithms (like binary search) into practice.
- **IEEE Computer Society** - Discussed about coding and did some code alongs.