ALEXANDER BUI

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WORK EXPERIENCE

HUNTINGTON INGALLS IT INTERN | 2022 SUMMER

Examined employees to identify if they were still using certain software for development to cut down on wasted costs. Communicated with partnered businesses to obtain budgetary estimates from the companies to keep track of software costs. Collaborated with my team and analyzed IT projects to decide which were top priorities for the company. Learned about software business relationship management and project priority organization, while also practicing my interpersonal communication skills.

PROJECTS

TERMINAL PORTFOLIO WEBSITE | 2022 | PERSONAL

Planned an interactive website that I developed in my free time to showcase my coding projects as well as also having functionalities to portray professional information about myself. Expressed creative freedom with the UI/UX design due to it being a project I decided to work on with no guidelines.

Technologies: HTML, CSS, JavaScript, WinBox library

POKEDEX WEB APP | 2022 | PERSONAL

React web app I built to fetch API data while using CRUD techniques to display information retrieved from that data on the website. An idea I wanted to execute to further my knowledge about REST API methods. Accomplished mapping through nested JSON data and mounting/unmounting elements.

Technologies: React, Tailwind, Axios library, PokeAPI, JSON

DASHBOARD METRICS WEB APP | 2022 | PERSONAL

A front-end metrics dashboard created using JavaScript, React JS, Tailwind, and Syncfusion. Tutorial code along I used to accelerate my performance with the React JS library. Explored React JS libraries and methods that are useful for web development. Learned how tailwind can be used to make page stylization more efficient and precise. Used syncfusion react library to graph data across a variety of charts.

Technologies used: React, Tailwind, Syncfusion library, HTML, JavaScript

AGECON BUDGET CALCULATOR WEBSITE 2022 | CLASSWORK

Senior project collaboration with MSU Agricultural Economy division that focused on boosting farmers time efficiency when calculating personal yearly budget. Lead programmer and CSS stylizer for the front-end of the website. Practiced communicating with stakeholders and understanding their visions while also explaining to them about software limitations.

Technologies used: HTML, CSS, JavaScript, postgreSQL, Git

BOOK STORE GROUP PROJECT 2021 | CLASSWORK

Created a command line bookstore with functionalities consisting of user login, editing personal info, viewing items, adding items to cart, removing items from cart, check out, viewing purchase history, and deleting account. Practiced creating database tables and SQL queries to fetch data for user authentication and error checking.

Technologies used: Python, mySQL

EDUCATION

MISSISSIPPI STATE UNIVERSITY | 2018 - 2022

Bachelor of Science: Software Engineering | GPA 3.39/4.00

Coursework: Algorithms, Data Structures and Analysis of Algorithms, Discrete Structures, Database Management

THE ODIN PROJECT ONLINE BOOTCAMP | 2021 SUMMER

Completed an open-source coding curriculum called The Odin Project which provides a more hands-on experience with web development, allowing me to gain experience on how to start software projects on my own.

Technical Skills Learned: HTML & Browser Dev tools, CSS Flexbox & Grid, JavaScript DOM manipulation, Objects & Object Constructors, and Active listeners, GitHub repositories & branches, and git commands.

SKILLS | MISCELLANEOUS

Hard Skills: HTML, CSS, JavaScript, PHP, Python, SQL, React, Tailwind, C++, OOP, Git, Dev Tools

Soft Skills: Growth Mindset, Creativity, Critical Thinking, Time Management, Interpersonal Communication