

David Huson

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Education

Bachelor of Science, Computer Science (Concentration in AI)

University of West Florida, Pensacola, FL

May 2024

- Agile methodologies and the Software Development Lifecycle
- Java OOP development
- SQL and database design
- Introduction to AI
- Introduction to Big Data Analytics

Computer Science A.A

Gulf Coast State College, Panama City, FL

August 2022

- Microsoft Word, Excel, PowerPoint, and Access (Microcomputer applications course)
- Python (Introduction to programming)

Projects

Portfolio Website

Created personal portfolio using React and AstroJS components for smaller JS bundle and static site generation. Leveraged TypeScript to enable type-checking for development, avoiding type errors in client-side code. Employed Vercel for managing CD/CI pipeline, automatically deploying updated site upon push to the main branch of Github repo.

Image Classifier

Developed an Image classification model using Convolutional Neural Networks in a group project for Introduction to AI course in Spring 2023. Learned TensorFlow, Keras, and Matplotlib to develop, train, tune, and visualize the neural network. More details and the report are available in my portfolio.

LR(1) Parser

Developed a parser for a simple language as part of a programming languages course in Spring 2023. Used C programming language to gain knowledge in procedural languages and context-free grammars. Achieved a perfect score on both parts of the project, demonstrating proficiency in parser development and newfound appreciation for C as a language. More details available in my portfolio.

Experience

Frontend Developer - Agency 850

Jul 2018 - Oct 2018

- Built HTML emails for targeted marketing campaigns using Salesforce.
- Developed and refactored client websites using Wordpress.
- Created custom themes for Wordpress sites using PHP.

Shift Supervisor - Panera Bread

Feb 2018 - Oct 2019

- Managed and coached a team of associates to lead a successful shift.
- Established and maintained a high level of customer satisfaction through attention to detail.