

THOMAS JOHNSON

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EDUCATION

Florida Institute of Technology 3.54 / 4.0 GPA

August 2020 - May 2024

B.S in Software Engineering

Melbourne, FL

Recent dean's list college graduate looking for growth opportunities. I am a motivated learner, and self starter that has acquired plenty of academic experience in software engineering and computer science principles. I have also gained collaborative experience and communication skills as both a leader, and contributor.

WORK EXPERIENCE

Evans Library

August 2021 - May 2024

iDesk Associate

Melbourne, FL

- Worked in a fast-paced environment, providing services and assistance to patrons, including tech lending, printing support, and navigation help.
- Assisted in referring patrons to applicable librarians, and where to find resources in library databases.

Weekley Schulte Valdes LLC

May 2021 - August 2021

File Clerk

Tampa, FL

- Managed internal databases, and placement of files, and invoices.
- Worked with Microsoft 365 products such as, word, PowerPoint, excel, and SharePoint.

PROJECTS

Vehicle Identification

August 2023 - April 2024

Contributor

- Aided in model creation, and training of convolutional neural networks utilizing MiniVGG Net architecture to identify vehicle attributes.
- Developed web application to display database to users visually allowing for interactive CRUD operations, and queries checking.
- Developed software documentation, milestone evaluations, and testing plans.

Predicting Global Sales Of Video Games

March 2024 - April 2024

Contributor

- Performed data pre-processing, and feature engineering on multiple datasets using Pandas.
- Pursued the machine learning problem of predicting global sales of video game titles using machine learning models such as linear regression, Random Forest Regressors, and XGBoost.

Recipe Database WebApp

April 2024 - April 2024

Contributor

- Aided in the development of a full stack MERN application to allow users to add recipe entries, or search for entries in a Mongo Database.
- Implemented post functionality using Axios in a Node/Express application to allow writing to the DB from a user selected Json, or manual entry.

SKILLS

Languages

Python, Java, C, C++, Julia, Go, ADA, Haskell, x86 Assembly, Rust, Javascript

Tools/Frameworks/Other

Git, Github, Linux, Machine Learning, TensorFlow, SciKitLearn, mySQL
Web Applications: MongoDB, Express, React, Node, HTML / CSS
Software Testing - Black Box / White Box, Unit Testing
Integration Testing, Requirements Gathering / Analysis, UML