Jacob Vorndran

Personal Website
GitHub

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EDUCATION

Eastern Florida State College, Melbourne, FL   **August 2020 – December 2021**
CS Prerequisite Classes
GPA: 3.6

University of North Florida, College of Computing, Jacksonville, FL   **Expected December 2024**
Bachelor of Computer Science
Major GPA: 3.51
Overall GPA: 3.55
Relevant Courses: Data Structures and Algorithms; Computer Networks; Data Wrangling with Python; Internet Programming; Databases.

ACHIEVEMENTS

Bright Futures Medalion Scholarship
Reason Awarded – 100+ community service hours, 3.0+ GPA, 1210+ SAT score.
Amount Awarded – 75% of tuition for 120 credit hours.

PERSONAL PROJECTS

Project 1 - Stock Screener
Live Site | Source Code
Description: Web-based stock screener using Flask to identify potential trading opportunities using DeMark™ Indicators
Technologies Used: Flask, JavaScript, HTML, CSS, Web Scraping, SQLite
- Implemented an algorithm to scan over 7,000 stocks for bullish and bearish signals based on DeMark™ Indicators.

Project 2 – Full Stack Financial Dashboard Application
Live Site | Source Code
Description: Comprehensive full-stack web application using the MERN stack, offering users a feature-rich financial dashboard for tracking stocks and market-related data
Technologies Used: MongoDB, React, Tailwind, Node.js, JWT, Express
- User authentication and authorization with JSON Web Tokens (JWT)
- Real time financial data integration, including stock prices, market open/closed status, and news updates.
- Personalized watchlist, fundamental and valuation data, stock visualization, and responsive design.

Project 3 – Earnings Insights Dashboard
Live Site | Source Code
Description: Web application dedicated to delivering essential insights into upcoming earnings reports for various companies.
Technologies Used: Django, Python, Typescript, Angular, SQLite
- Displays detailed information of upcoming earnings reports for a wide variety of companies.
- Calculations of the relevant statistics like earnings estimate, one-week implied move, short interest, etc.

SKILLS

- Object Oriented Programming
- Proficient in MVC architecture for developing scalable and organized web applications.
- Strong command of RESTful API design and implementation for seamless data communication in web applications.
- Responsive Design

Programming Languages: JavaScript, HTML, CSS, TypeScript, Python, C, C++, Java
Operating Systems: Windows 7-11, Linux (Ubuntu), Unix
Frameworks: React, Angular, Express, Flask, Django, Spring, Tailwind CSS
Databases: MySQL, SQLite, MongoDB
Other: User Authentication and Authorization (JWT), Git, GitHub, NPM, Webpack