

Jacob Vorndran

[Personal Portfolio](#) ♦ [GitHub](#) ♦ jvorndran400@gmail.com

EDUCATION

University of North Florida, Jacksonville, FL

Expected May 2025

Bachelor of Computer Science

Major GPA: 3.51

Relevant Courses: Data Structures and Algorithms; Computer Networks; Data Wrangling with Python; Internet Programming; Databases.

EXPERIENCE

Software Engineer Internship

BamM Tickets | November 2023 – June 2024

- Developed and launched a comprehensive product management system enabling administrators to create and edit products seamlessly. This system featured real-time synchronization with the Square catalog using the Square REST API, ensuring up-to-date inventory management.
- Engineered, implemented, and deployed a custom REST API that allowed tickets to be added to customers' Apple and Google wallets, enhancing user experience.

Website Manager

Official UNF Lacrosse Website | January 2024 – Present

- Regularly update content, manage site functionality, and ensure timely publication of match results, schedules, and player information

Information Technology Intern

Dun & Bradstreet | June 2024 – Present

- Collaborated with a 10-person team using Scrum to develop a social media sentiment analysis application, boosting brand monitoring efficiency and enabling timely insights for decision-making.
- Created an automated Python script to integrate the Sprout Social REST API with our GCP Cloud SQL database, reducing data update time and ensuring continuous, accurate database synchronization.
- Streamlined the build process by automating Docker image creation and storage in JFrog Artifactory, reducing build time by 95% and improving reliability in CI/CD workflows.

PERSONAL PROJECTS

Stock Screener

[Source Code](#)

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, using free, open-source technologies to enable extensive market analysis at no cost.

Full Stack Financial Dashboard Application

[Live Site](#) | [Source Code](#)

Technologies Used: MongoDB, React, Tailwind, Node.js, JWT, Express

- Integrated real-time financial data, including stock prices, market status, and news updates, using data from the Alpha Vantage REST API.

Earnings Insights Dashboard

[Source Code](#)

Technologies Used: Django, Python, Typescript, Angular, SQLite

- Displays detailed information of upcoming earnings reports for a wide variety of companies.

SKILLS

Programming Languages: JavaScript, HTML, CSS, TypeScript, Python, Java, PHP

Frameworks and Libraries: React, Angular, Express, Flask, Django, Spring, Tailwind CSS

Tools and Technologies: Git, GitHub, Docker, Kubernetes, Harness, Terraform, Google Cloud Platform (GCP)

Databases: MySQL, SQLite, MongoDB, Cloud SQL

Operating Systems: Windows 7-11, Linux (Ubuntu), Unix

Other: User authentication and authorization (JWT), NPM, Webpack, OOP, RESTful API development, CI/CD pipelines