JOSHUA MASTERS

Junior Software Developer

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EDUCATION

B.S. Computer Science

University of Dayton

📅 08/2020 - 05/2024   📍 Dayton, OH

- Concentration: Artificial Intelligence/Data Science | Minor in Music
- GPA 3.57

EXPERIENCE

Hybrid Telework College Intern

Ohio Department of Transportation

📅 07/2023 - Present   📍 Columbus, OH

- Resolved {200+} user inquiries based on Civil Rights & Labor Construction Contracting System.
- Employed SQL Server Management System to collect data more quickly from extensive databases.

Student Technology Summer Intern

Kenston Technology Department

📅 05/2016 - 08/2020   📍 Bainbridge, OH

- Ensured seamless classroom technology by resolving hardware and software issues for teachers and staff.
- Used an organized system for tracking technology assets, improving efficiency and accountability.
- Led team on initiative and problem-solving, supervising tasks and delegating responsibilities.

SKILLS

Programming Languages

Java   JavaScript   HTML   C++   Python   SQL

Web Development

React   Express.js   Socket.IO   Node.js   MongoDB

Software Tools

Git   GitHub   Docker   Heroku   PlantUML

Markdown   SSMS (SQL)   Kafka   APIs   Spring

Software Design/Management

Agile   Scrum   Jira   Microservices

Machine Learning   Data Science   Artificial Intelligence

SUMMARY

Recent Computer Science Graduate with expertise in web applications seeking full-stack software development roles.

PROJECTS

Financial Exchange Application | Dr. Nicholas Stiffler (CPS 491)

📅 01/2024 - 04/2024   📍 Dayton, OH

Built an event-driven, microservice-based financial exchange application facilitating client transactions with fairness, speed, and reliability on a team of eleven.

- Utilized React and Spring Boot for the frontend and backend, respectively, and integrated Kafka for real-time data streaming and MongoDB for persistent storage.Project documentation leveraged through Draw.io, Markdown, and PlantUML.
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- JIRA tools used in Sprints for project management across team.

Messenger Application | Dr. Nicholas Stiffler (CPS 490)

📅 09/2023 - 12/2023   📍 Dayton, OH

Developed a P2P messenger application from the ground up on a team of four

- Employed NodeJS, Express, SocketIO, MongoDB, Heroku, and Git + GitHub in a collaborative team environment with AGILE/SCRUM methodologies.
- Utilized JIRA project management tool.

Detecting Fake News with ML | Dr. Bayley King (CPS 349)

📅 01/2023 - 05/2023   📍 Dayton, OH

Built a fake news classifier system using a TensorFlow neural network model and other industry-standard Python libraries.

- Applied machine learning techniques to address the issue of misinformation, utilizing a Kaggle dataset.