Dorian Florescu

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EDUCATION

Michigan State University East Lansing, MI
Bachelor of Science in Computer Science, Minor in Business *Aug. 2019 – May 2023*

EXPERIENCE

Software Developer Jan. 2023 – May 2023
DRIVEN-4 *East Lansing, MI*
- Developed and maintained a dashboard for monitoring IoT boards through a responsive web application using Python, MySQL, HTML, CSS, and Flask.
- Coordinated with team and client to design a system architecture and software specifications for the application.
- Worked closely with the back-end development team to ensure seamless integration with back-end and server systems.
- Met weekly with client to discuss progress and ensure satisfaction with the application.

Project Facilitator Oct. 2022 – Dec. 2022
DataSpeed Inc. *East Lansing, MI*
- Developed a Software Requirements Specification document for a Pedestrian Collision Avoidance System (PCAS) ensuring zero collisions under set environments.
- Met with customer to acquire project details by asking thoughtful questions for a better grasp on key potential challenges.
- Created meeting agendas to ensure the best usage of time when coordinating tasks and upcoming goals with the team.
- Presented final report to customer to confirm that all project requirements and details are satisfied.

PROJECTS

Grapple Tanks | *Unity, C#* Dec. 2021 – Present
- Co-created and developed an online multiplayer Unity 2D game.
- Incorporated creative map design, complementing diverse weapon drops.
- Enhanced gameplay with immersive sound effects and music for an engaging experience.

Garage | *React, Next JS 13, TypeScript, Tailwind CSS* May 2023 – Jul. 2023
- Developed Next.js 13 web app for car browsing, utilizing React, Typescript, and Tailwind CSS.
- Implemented advanced search and filtering, optimizing user experience with API integration.
- Designed custom UI components for a fluid and modern user interface.

Web App | *Python Flask, JavaScript, NoSQL, HTML/CSS, Docker, Git* Jan. 2023 – May 2023
- Developed a secure full-stack web application using Flask framework.
- Implemented password encryption for enhanced data security and privacy.
- Utilized asynchronous communication technologies to optimize user experience and interactivity.

TECHNICAL SKILLS

Languages: Python, C++, C#, Java, JavaScript, TypeScript, HTML/CSS, SQL
Frameworks and Other: React, Node.js, Next.js, Flask, .NET, Unity, Linux, Jupyter Notebook, Inventor, CAD
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, CLion, Rider