Tyran Rice Jr.

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EDUCATION

University of Delaware, Newark, DE   Aug 2021 - May 2025
College Of Engineering
Bachelor Of Science (B.S.)
Major: Computer Science | Minor: Mathematics
Cumulative GPA: 3.5

RELEVANT PROJECTS

Post-Pandemic Office Spaces: Hackathon Project   May 2025 - May 2025
Software Developer & Data Analyzer
- Created a presentation organizing and analyzing a large dataset given by Savillis for a hackathon hosted by The University Of Delaware and the Data Science Institute.
- Incorporated a concise hypothesis from the given data using data visualization with graphs/charts and the use of outside datasets and resources from The U.S. Bureau Of Labor Statistics.
- Presentation won 'Best Use Of Outside Resources' at the event, winning over 15 other different teams of size 3-5.

AI-Adventures: Artificial-Intelligence Game   Dec 2024 - Jan 2025
Software Developer
- A text-based adventure game using OpenAI, DALL-E and Tkinter in Python to guide the user through an unique and immersive experience and story.
- Uses one of OpenAI's large language models and natural language processes to decipher and generate human language to make an effective and cohesive story for the user with the use of embeddings and image generation.

ESports Arena Scheduler: Fullstack Website   Aug 2024 - Dec 2024
Full Stack Developer
- Created an Angular website that manages ESports schedules for different teams with user authentication. Implemented both frontend functions and user interfaces as well as database and API calls and optimization for scalability.
- Successfully pitched and launched the website to ESports manager and coordinator of University Of Delaware.

SKILLS & AWARDS

- **Software/Programs:** OpenAI, DALL-E, Github/Git, React, Angular, Tkinter, Unity Engine, RStudio, Firebase
- **Languages**: Python, C/C++/C#, Java/JavaScript, HTML/CSS, Typescript, Shell Scripting, R
- **Soft/Hard Skills:** Artificial Intelligence, Natural Processing Language, LLM, Machine Learning, Front-End Development, Operating Systems, Data Structures, Agile/Scrum Experience, Code Reviews, Leadership Experience, Problem Solving, Critical Thinking, DevOps, Adaptability, Creativity, Study Abroad Experience
- **Awards:** $1600 1st Place Award Hosted By The University Of Delaware's 2023 Hackathon, $500 Best Women Leadership 2024 Game Award Hosted By The University Of Delaware & Funded By The National Science Foundation, Won Best Use Of Outside Editorial Resource At The 2025 Datafest Hosted By The University Of Del.

EXPERIENCE

University Of Delaware, Newark, DE   Feb 2023 - May 2025
Residential Assistant
- Fostered an inclusive environment and a sense of community for residents living on campus by organizing social, educational, and cultural events.
- Partnered with colleagues to mediate conflicts and disputes among residents, while being available for on-call duty in critical situations.
- Performed administrative tasks, such as maintaining records, room inspections, and managing check-in and check-out procedures.

Home Mattress Center, Wilmington, DE   June 2023 - Aug 2023
Website Manager & SEO
- Implemented on-page, off-page, and technical search engine optimization to enhance the website's visibility, authority and speed.
- Utilized Google Analytics to track and analyze website traffic and performance to provide regular reports and recommendations.
- Oversaw creation of multimedia assets such as images, videos, and infographics for use on websites.

CAMPUS & EXTRACURRICULAR INVOLVEMENT

Game Development Club, Newark, DE   Sep 2022 - May 2025
Founder & President

University ESports Player, Newark, DE   Sep 2023 - May 2025
Varsity Member & In-Game Leader