John Grahn

johngrahn@protonmail.com | github.com/johngrahn | johngrahn.com

EDUCATION

Western Governors University	**Salt Lake City, Utah**
Bachelor of Science in Computer Science	Graduated Spring 2023

- **Relevant Coursework**: Calculus, Discrete Mathematics, Data Structures and Algorithms, Computer Architecture, Operating Systems, Machine Learning

WORK EXPERIENCE

DataAnnotation.Tech	**Remote**
Software Developer – AI Trainer	October 2023 – Present

- Implement reinforcement learning from human feedback (RLHF) techniques to optimize machine learning model efficiency and performance
- Develop and evaluate Python and JavaScript code, including reviewing and correcting AI-generated code for accuracy and functionality
- Design tailored prompts for diverse AI tasks, adapting parameters to meet specific project requirements
- Ensure AI models adhere to legal and ethical obligations

The Hartford Financial Services Group, Inc.,	**Hartford, Connecticut**
Information Technology Intern	June 2014—August 2014 June 2015—December 2016

- Engineered and deployed a web-based application using JavaScript and SharePoint for user recertification, ensuring compliance with company mobile device policies
- Provided technical support for company-wide meetings, including audio, video, and livestreaming services
- Provided remote end user iOS support with Microsoft Intune
- Managed inventory and maintenance of audiovisual equipment across multiple conference rooms, ensuring optimal functionality and minimal downtime
- Developed and distributed company-wide documentation on conference room technology usage, improving user adoption and reducing support requests

PROJECTS

Personal Portfolio (johngrahn.com) | React, Tailwind CSS, Docker, Oracle Cloud

- Developed a responsive SPA portfolio website with react, tailwind, hosted on Oracle Cloud, showcasing skills, projects, and blog posts
- Implemented dynamic routing for seamless navigation and a blog feature that renders Markdown posts with syntax highlighting and GitHub markdown.
- Containerized the application with Docker for simplified deployment. Implemented automated CI/CD using Coolify and GitHub webhooks

Space Invaders Clone (spaceinvaders.johngrahn.com) | JavaScript, HTML5, CSS, Nodejs, Express.js, Postgres

- Web based clone of classic Space Invaders using JavaScript, HTML5 Canvas, and CSS
- Created persistent leaderboard system with a REST API using Node.js and Express backed by a PostgreSQL database
- Used vanilla JavaScript without libraries to engineer destructible barriers, collision detection, and dynamically scaling difficulty

TECHNICAL SKILLS/ CERTIFICATIONS

Languages & Frameworks: JavaScript, HTML/CSS, React, Tailwind, Node.js, Express.js, SQL, Python

DevOps & Cloud: Azure, Oracle Cloud, Docker, Git, GitHub, CI/CD

Developer Tools: VS Code, IntelliJ

Certifications: [AZ-104 Azure Administrator Associate](#), [AZ-305 Azure Solutions Architect](#), CompTIA Project+, ITIL V4 Foundation