Ollantay Z. Scocos

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SKILLS

C, C++, Python, Haskell, JavaScript, AI, Machine Learning, HTML, CSS, Java, MatLab, R, SQL, Git, GitHub, Pandas, Numpy, TCP/IP, PyTorch, Linux (Ubuntu), Android Studio, IntelliJ, Visual Studio, Jupyter Notebooks, AWS, React, Excel, Docker, RESTful API, SciPy, Natural Language Processing, Agile, JSON, Vue

WORK EXPERIENCE

DataAnnotation **02/2024 – Present**
Software Engineer

- Designed and implemented 40+ algorithmic challenges daily in Python, C, and C++ to evaluate and train large language models, refining model accuracy, safety, and user experience
- Authored and refined 500+ benchmark solutions by debugging and optimizing AI-generated code in Python and C++, including database interactions, to improve model reasoning and output fidelity
- Deployed and managed 100+ isolated test environments to validate code, directly improving AI performance across correctness, truthfulness, helpfulness, and safety metrics
- Audited 10,000+ lines of code to improve the reliability and quality of AI-generated solutions
- Streamlined AI model selection processes, resulting in a 20% reduction in manual QA efforts

PROJECT HIGHLIGHTS

Personal Portfolio Website (React, Tailwind CSS, Next.js, Framer Motion, Vercel) **06/2025**

- Crafted responsive, modular portfolio site with 50+ interactive entries, animations, and fast load times using React, Next.js, Tailwind CSS, Framer Motion, and GSAP
- Developed reusable React components to organize and display 20+ data-driven items with clean, accessible UX and interactive transitions, improving site performance.
- Introduced skill bars using React and Tailwind CSS to visually convey proficiency across 25+ technologies
- Published and maintained the site on Vercel, enabling continuous deployment via GitHub Actions with <10s build times and 100% uptime, allowing for rapid updates and iteration

Wrapped Now (JavaScript, HTML, CSS) **01/2024 – 02/2024**

- Engineered and deployed an interactive web app with JavaScript, HTML, CSS, and the Spotify API, rendering up to 50 top tracks/artists with a Spotify Wrapped–style UX
- Introduced OAuth 2.0 authentication to enable secure user login via Spotify, ensuring safe data access and compliance with security standards
- Incorporated Spotify's REST API with JavaScript to dynamically display 50+ top artists and songs from the past 1, 6, and 12 months, rendering content in HTML/CSS with an interactive card structure

TV Time (Java, C++) **01/2019**

- Leveraged Google's Gson API to parse and convert JSON data on TV shows, achieving a 35% reduction in data fetching time and improving application responsiveness for users
- Constructed and applied an Object-Oriented class structure to organize and manage data for TV shows and individual episodes, improving code maintainability and scalability by 80%
- Developed Java features to retrieve up to 200+ episodes by date, season, and name, enhancing the user experience through efficient and intuitive navigation

EDUCATION

University of Illinois at Urbana-Champaign
Bachelor of Science in Computer Science + Astronomy

Related Coursework:

- Software Design Studio
- Data Structures and Algorithms
- System Programming
- Computer Architecture
- Artificial Intelligence
- Programming for Data Science
- Statistical Analysis
- Discrete Structures
- Algorithms & Models of Computation
- Microcomputer Applications
- Programming Languages & Compilers