ADAM HISEL

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SUMMARY

Software Engineer with experience in Java, Python, and JavaScript, contributing to scalable software applications in agile environments. Proven track record in writing testable code, conducting thorough code reviews, and participating in end-to-end development cycles. Demonstrated ability to apply design patterns, algorithms, and data structures to create efficient and maintainable solutions.

EDUCATION

Iowa State University Ames, IA   **May 2025**
Bachelor of Science, Computer Science, Minor in Mathematics
- **GPA:** 3.75
- **Achievements:** Dean's List: Fall 2021 – Spring 2025, Merit Scholarships: Arie and Catherine Breed Scholarship (College of Liberal Arts and Sciences), Charlie and Barb Hunt Scholarship (Computer Science)

EXPERIENCE

DataAnnotation   **May 2025 - Present**
Software Engineer – AI Trainer   *Remote*
- Designed and enhanced multi-step prompts using Java, C++, and Python, aligning with coding standards and scalable software design.
- Developed and evaluated task-specific prompts that incorporated unit testing and refactoring techniques to optimize application performance.
- Authored detailed evaluation rubrics and engineering specifications to assess code quality and adherence to defined acceptance criteria.
- Leveraged JUnit and other testing frameworks to verify model outputs and simulate a realistic developer workflow for training refinement.

Outlier AI   **Jun 2024 - Aug 2024**
AI Writing Evaluator   *Remote*
- Evaluated and ranked AI-generated responses for technical accuracy and adherence to coding standards, contributing insights to improve application development processes.
- Developed and refined prompts through extensive research, iterative testing, and thorough fact-checking to ensure accuracy.
- Assessed the strengths and weaknesses of AI-generated content by conducting in-depth reviews and providing written evaluations.

PROJECTS

AI-Driven Personalized Learning Platform Client Project   **Jan 2025 - May 2025**
Learn-X
- Team Size: 5 developers
- Technologies Used: Next.js, AI APIs, Machine Learning, RAG, Cloud Computing, Docker, Figma, VO by Vercel
- Project Description: Developing an AI-powered learning platform that personalizes education by generating adaptive courses based on the user's persona and topic experience.
- AI & Automation: Implementing prompt engineering and RAG techniques to create customized learning paths.
- Testing: Aggressively testing our code to ensure a high-quality deployment.
- Collaboration: Worked with master's students and industry professionals in tech, entrepreneurship, and business.

Basketball Shot Plotter & Stat Sheet Academic Project   **Aug 2023 - Dec 2023**
- Team Size: 4 developers
- Technologies Used: Java, Spring Boot, Android Studio, MySQL, Git, REST API's
- Project Description: Developed an Android application to track basketball shots and maintain stats, with a responsive front-end in Android Studio and back-end in IntelliJ.
- Database Management: Integrated MySQL for reliable data storage.
- Version Control: Managed source code with Git, utilizing issue boards and runners.
- Skills Development: Strengthened collaboration and time management through Agile practices.

TECHNICAL SKILLS

- **Web Development**: React, Node.js, Next.js
- **Programming Languages**: JavaScript, Python, Java, C, C++, HTML, CSS
- **Database Management**: MySQL, MongoDB, PostgreSQL
- **Software Testing & Deployment**: Docker, Unit Testing (JUnit, Mocha), CI/CD
- **Software Development Methodologies**: Agile, SCRUM