

Kaleb Kohn

Software Developer

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Education

Bachelor of Science (B.S) in Computer Science Certificate in Data Science

University of Wisconsin-Madison

Expected Graduation: May 2025

GPA: 3.78

Relevant Coursework: AI, Deep Learning for Computer Vision, Algorithms and Data Structures, Machine Organization and Programming, Data Science Programming 1, Discrete Mathematics, Data Science Programming 1, Linear Algebra, Object-Oriented Programming in Java 1, 2 & 3, Mobile Development, Calculus 1 & 2, Data Visualization, Introduction to Computer Engineering, Operating Systems

Experience

Associate Software Developer

Sentry Insurance, Madison, WI

June 2022 - Present

- Automated webpage with Java and Spring MVC, saving 700+ hours annually
- Improved code quality by eliminating 1000+ code smells and reducing cognitive complexity
- Converted applications from Spring MVC to Vue.js for modernization
- Developed React components with Typescript in Dynamics 365 application
- Replaced SOAP with REST endpoints for scalability and maintainability
- Collaborated in Agile-driven development processes

Maintenance Management Analyst (Secret Security Clearance), Staff Sergeant/E5

United States Air Force, Madison, WI

Apr 2019 - Present

- Deployed to Saudi Arabia tracking information supporting operations Spartan Shield, and Inherent Resolve in over 500 combat sorties, and 8,000+ maintenance actions
- Monitored, collected, assembled, and audited data for reports and briefings
- Conducted special studies and investigations and performed statistical analysis on anti-skid system and phased inspection
- Managed and operated Maintenance Information System (MIS) and performed functional system administrator (FSA) duties
- Reported findings to managers with recommendations and communicated significant factors affecting the mission

Projects

- Chess Opening Practice Application using ABChess API
- Web Scraping Application to gather information about realtors in Chicago
- Social media website allowing users to search Steam games, favorite games and find friends
- Social media mobile app connecting people through different bars they visit

Hackathons

- Badger Hacks: Crafted an app to create runs for users based on input such as distance or elevation using Strava and Mapbox Apis

Languages/Technologies

- Java (Proficient), Python (Proficient), JavaScript (Proficient), C (Familiar), HTML (Proficient), CSS (Familiar), SQL (Proficient)
- Spring MVC, Django, MySQL, jQuery, REST APIs, JUnit, Docker, Git, Microsoft Office