Dane Faber

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Full Stack Developer with hands-on experience in building secure internal tools and automating manufacturing processes. Skilled at streamlining technical workflows, building reliable tools, and supporting cross-functional teams. Passionate about designing scalable solutions, strengthening cybersecurity practices, and applying technical knowledge to solve real-world business challenges. Eager to contribute technical expertise to innovative teams while continuously expanding knowledge in cloud computing and scalable system design.

EDUCATION

University of Wisconsin - Madison   Madison, Wisconsin
Bachelor of Science in Computer Science   May 2024
GPA: 3.55

TECHNICAL SKILLS

- **Languages:** Python, Java, C, JavaScript, C++, R, Xbasic
- **Frontend:** React, React Native, Typescript, HTML, CSS, Bootstrap, Figma
- **Backend & DevOps:** MSSQL, FastAPI, Docker, REST, GitLab CI/CD, Bash
- **Tools:** Git, Pytorch, ChatGPT, Microsoft Azure, IntelliJ, PyCharm, CLion, Visual Studio
- **Practices:** DevSecOps, Agile/Scrum, CMMC L3 Compliance, Software Quality Assurance

WORK EXPERIENCE

Milwaukee Valve Co., LLC   Prairie du Sac, Wisconsin
ME Software Developer   May 2024 – Present

- Developed 4+ internal web tools, reducing manual workflows by 30% for manufacturing engineering.
- Implemented a secure access control and MFA system, aligning with CMMC Level 3 requirements.
- Compiled documentation proving CMMC Level 3 compliance, leading to a certification that only 4% achieve.
- Expanded GitLab for version control, improving collaboration and traceability across dev projects.
- Administered relational database integration, legacy system maintenance, and CNC server monitoring.
- Created user-friendly GUIs for internal web applications.
- Reviewed peer code and managed development lifecycle using GitLab.

Ramaker | Architecture + Engineering   Madison, Wisconsin
IT Intern   April 2023 – September 2023

- Developed and implemented an automated IT ticketing and help desk bot, improving system robustness and efficiency, resulting in 100% reliability.
- Assisted with computer network security by analyzing the system for vulnerabilities and viruses, ensuring the integrity and confidentiality of company data with zero data breaches.
- Managed and expedited the setup of new machines for employees using a cloning process, which included the installation of necessary software and systems, ensuring swift updates and optimal performance, making the process four times faster.
- Provided crucial support to IT staff by processing paperwork, responding to user requests, and resolving technical issues, often working with teams of ten or more.

ACCOMPLISHMENTS

- Achieved Dean's List at the University of Wisconsin-Madison for three semesters, demonstrating consistent high academic performance.
- Self-taught web development skills led to the independent design and creation of a website for a University of Wisconsin-Madison professor, resulting in 50% of students engaging with more course content.
- Maintained perfect attendance for 14 years, demonstrating commitment and reliability at Medford Area Senior High.
- Competed in the National Championship Science Olympiad Tournament after earning at least one award at the state level every year of my career.
- Designed and built a real-time flight tracker display integrating live aviation data with a custom hardware interface, demonstrating skills in API integration, Python development, and embedded systems.