Daniel Grimes

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Portfolio: danielgrimes.org

PROFESSIONAL EXPERIENCE

Siemens Digital Industries Software | Cincinnati, Ohio (Remote)   May 2025 – August 2025
Software Engineering Intern

- Developed a **VS Code extension** and **Python automation scripts** for AW TcVis applications, streamlining test workflows and reducing manual processing time.
- Leveraged **Generative AI** to auto-generate Playwright and SikuliX test scripts, structured test cases, and debugging utilities, accelerating testing and triage.
- Contributed new test cases and AI-driven workflow optimizations, **enhancing team efficiency by 40%.**
- Collaborated with engineers to integrate AI solutions into production pipelines while gaining hands-on experience with **JavaScript, TypeScript, Python, Playwright, SikuliX, GitLab, and AW TcVis**.

AInsure | Colombus, OH (Remote)   August 2025 – Present
Junior Software Engineer

- Rebuilt AInsure's **entire company website** using Next.js, implementing a modern, responsive design and scalable architecture.
- Integrated **blockchain and Web3 technologies** to enable secure, decentralized features for insurance workflows.
- Developed and deployed **AI agents** to automate insurance processes, improving efficiency and client experience.
- Collaborated on feature development, testing, and optimization, leveraging **Python, SQL, and web technologies** to enhance platform performance and reliability.

SKILLS

Programming Languages
- Python, C, C++, JavaScript, C#, SQL, HTML5, CSS3, Shell Scripting

Frameworks and Tools
- AWS, React.js, Next.js, Express.js, Node.js, MySQL, PostgreSQL, Git, GitHub, Docker, Doxygen, Visual Studio Code, Jira, Microsoft Office Suites

EDUCATION

Ohio University, Russ College of Engineering and Technology | Athens, Ohio   May 2026
Bachelor of Science
GPA: 3.7
Major: Computer Science | Minor: Finance
Relevant Coursework: Algorithm Design & Analysis, Software Engineering Tools, Data Structures, Computer Organization, Embedded Systems Design, and Parallel, Distributed and Web-Centric Computing

HONORS AND EXTRACURRICULARS

Ohio University Artificial Intelligence Club | Athens, Ohio   August 2024 - Present
Head of Research and Development
- Lead research efforts and collaborate with members to explore **emerging AI trends**, driving informed discussions and initiatives.
- Contribute to the creation and organization of educational content, enhancing learning experiences within the club.

Dean's List, Ohio University | Athens, Ohio   December 2022 – Present
President's List, Stark State College | North Canton, Ohio   December 2020 – May 2022