

# Christian Wilkins

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## EDUCATION

<b>Michigan State University</b> <i>Bachelor of Science in Computer Science, Minor in Business - GPA 3.9</i>	December 2026 <i>East Lansing, MI</i>
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## EXPERIENCE

<b>Software Engineering Intern</b> <i>JPMorganChase</i>	June 2025 – August 2025 <i>Columbus, OH</i>
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- Developed an **AI-powered matching engine (scikit-learn, spaCy, PostgreSQL)** that streamlined internal job placements, winning first place at JPMC Global Hackathon out of 1000+ participants through **collaborative problem-solving**.
- Optimized **AWS S3 data migrations** for concurrency by 95% using **concurrent.futures** and **boto3 in Python**, demonstrating strong **technical fundamentals** and **systems design** understanding.
- Implemented **PactFlow & Jules contract testing**, reducing cross-team integration issues by 90% and improving **cross-functional collaboration** with Product and Engineering teams.

<b>Software Engineering Intern</b> <i>Configura</i>	May 2024 – August 2024 <i>Grand Rapids, MI</i>
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- Engineered a custom sales extension in a **75M+ line, proprietary CM codebase (C#/Java-like)**, collaborating daily with clients to integrate new functionalities that directly enabled the sale of their core product.
- Navigated a vast, undocumented system through **strong communication** and **asking great questions**, proactively engaging senior engineers to ensure seamless integration and demonstrate **growth mindset**.
- Pioneered novel hit detection for modeled spaces in CM, preventing impossible configurations and enhancing user experience through **technical problem-solving**.

<b>Undergraduate Research Assistant</b> <i>Michigan State University</i>	October 2023 – April 2024 <i>East Lansing, MI</i>
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- Processed HIPAA-compliant data for **ML pipeline (Python, scikit-learn, NLP)** auto-grading medical exams, achieving 89% validation accuracy and reducing exam grading time from months to days.

<b>Board Advisor</b> <i>Imagine Software</i>	March 2024 – Present <i>East Lansing, MI</i>
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- Oversaw an internship-like experience for 60 students in 10 teams and promoted to President, resulting in 100% growth with 350+ new members through **collaborative leadership** and **growth mindset**.

## PROJECTS

<b>hurricane</b>   <i>Swift, MongoDB, Firebase, Go, iOS</i>	September 2024
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- Architected and developed 'hurricane' (**Swift iOS frontend, Go backend**), a real-time ride-sharing app using **MongoDB and Firebase** for emergency evacuations, **winning Waymo @ ShellHacks 2024** through innovative **UI/UX design**.
- Implemented **scalable, concurrent Go routing** for multi-stop routes, optimizing continuous location tracking and demonstrating **systems design** expertise from **infrastructure to UI**.

<b>RecycleMe</b>   <i>Flutter, Firebase, OpenAI APIs, Python, PyTorch, TensorFlow</i>	October 2023 – April 2024
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- Led a 5-member **agile team** to develop RecycleMe MVP (**Flutter/Dart, Firebase**) in 90 days, gamifying recycling via **GPT-Vision** for object recognition and custom dataset (90% accuracy).
- Managed using Trello, fostering an environment for learning **agile methodologies** and **full-stack development**, demonstrating **collaborative** project leadership.

<b>Notelify</b>   <i>Next.js, React, Supabase, Figma, TypeScript</i>	October 2023 – April 2024
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- Developed Notelify frontend (**Next.js, React**) and integrated cost-effective Mozilla Speech-to-Text API with **OpenAI APIs** for automated meeting summaries, reducing student effort by 95% and winning 'Best Use of AI' award.
- Designed intuitive **UI/UX** using **Figma** for seamless user experience, demonstrating **design-to-code** workflow understanding essential for Figma's collaborative environment.

## SKILLS

**Languages:** Java, Python, C++, JavaScript, TypeScript, Swift, Go, Dart  
**Technologies:** React.js, Next.js, Node.js, Firebase, MongoDB, PostgreSQL, AWS (S3, EC2, Lambda), Docker, Git, Figma, Flutter  
**Concepts:** Data Structures and Algorithms, Full Stack Development, UI/UX Design, Agile Methodologies, Cross-functional Collaboration, Systems Design, AI/ML, Contract Testing