

Christian Wilkins

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EDUCATION

Michigan State University

Bachelor of Science in Computer Science, Minor in Business - GPA 3.9

December 2025

East Lansing, MI

EXPERIENCE

Software Engineering Intern

JPMorganChase

June 2025 – August 2025

Columbus, OH

- 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.
- Optimized AWS S3 data migrations for concurrency by 95% using **concurrent.futures** and **boto3** in **Python**.
- Implemented **PactFlow & Jules contract testing**, reducing cross-team integration issues by 90%.

Software Engineering Intern

May 2024 – August 2024

Configura

Grand Rapids, MI

- 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, proactively engaging senior engineers to ensure seamless integration.
- Pioneered novel hit detection for modeled spaces in CM, preventing impossible configurations and enhancing UX.

Undergraduate Research Assistant

October 2023 – April 2024

Michigan State University

East Lansing, MI

- Processed HIPAA-compliant data for ML pipeline (Python, scikit-learn, NLP, CV) auto-grading medical exams.
- Achieved 89% validation accuracy (93% goal), reducing exam grading time from months to days.

Board Advisor

March 2024 – Present

Imagine Software

East Lansing, MI

- Oversaw an internship-like experience for 60 students in 10 teams, checking in with each team bi-weekly.
- Promoted and lead as President, resulting in a 100% growth with 350+ new members through targeted outreach.

Claude Student Ambassador

August 2025 – Present

Anthropic

Remote

- Recruited and onboarded 120+ students to the Claude Ambassador program through targeted outreach, campus events, and social channels, increasing community engagement and program participation.
- Cultivated active discussions on AI safety and ethics, organizing forums and study groups that connected passionate students with resources and mentorship.

PROJECTS

hurricane | Swift, MongoDB, Firebase, Go, iOS

September 2024 – September 2024

- 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**.
- Implemented **scalable, concurrent Go routing** for multi-stop routes, optimizing continuous location tracking.

RecycleMe | Flutter, Firebase, OpenAI APIs, Trello, Python, PyTorch, TensorFlow

October 2023 – April 2024

- 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). Followed + Created a spec doc.
- Managed using Trello, fostering an environment for learning agile methodologies and full-stack development.

Notetify | Next.js, React, Supabase, Figma, Typescript

October 2023 – April 2024

- Developed Notetify frontend (Next.js, React) and integrated cost-effective Mozilla Speech-to-Text API with OpenAI APIs (via prompt engineering) for automated meeting summaries. Experimented with machine learning.
- Automated note-taking via AI, reducing student effort by 95%; won 'Best Use of AI' award (\$100).

ThinkedIn | Discord, LinkedIn, Mentorship

March 2024 – Present

- Founded a ~200 member organization providing career help and insight for increasing social media presence.

SKILLS

Languages: Java, Python, C, C++, JavaScript, HTML, TypeScript, Dart, GoLang

Technologies: React.js, Firebase, Figma, NumPy, Flutter, Linux, Jira, AWS (S3, EC2, Lambda, RDS, DynamoDB, IAM, CloudFormation), Docker, Kubernetes, Spring Boot, Spinnaker, Git, Flask, NodeJS

Concepts: Data Structures and Algorithms, Product Management, Agile, AI/ML, Full Stack Development, Cloud Computing, DevOps, CI/CD, Microservices Architecture, Contract Testing, Data Migration, Observability, Fintech