

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

HACKATHON WINS

JPMC Global Hackathon Winner - 1st Place out of 1000+ participants

August 2025

- Developed an **AI-powered matching engine** using **scikit-learn**, **spaCy**, and **PostgreSQL** that streamlined internal job placements for thousands of employees across the organization.

Waymo @ ShellHacks 2024 Winner - Best Transportation Solution

September 2024

- Architected '**hurricane**', a real-time ride-sharing app for emergency evacuations built with **Swift iOS frontend and Go backend**, featuring **scalable concurrent routing** and continuous location tracking.

EXPERIENCE

Software Engineering Intern

June 2025 – August 2025

JPMorganChase

Columbus, OH

- Optimized **AWS S3 data migrations** for concurrency by 95% using **concurrent.futures** and **boto3** in Python, handling petabyte-scale financial data with zero downtime during production deployments.
- Implemented **PactFlow & Jules contract testing** framework, reducing cross-team integration issues by 90% and enabling faster deployment cycles across microservices architecture.

Software Engineering Intern

May 2024 – August 2024

Configura

Grand Rapids, MI

- Engineered custom sales extension in **75M+ line proprietary codebase** (C#/Java-like), collaborating daily with enterprise clients to integrate functionalities that directly enabled product sales.
- Pioneered novel **hit detection algorithms** for 3D modeled spaces, preventing impossible configurations and significantly enhancing user experience for furniture design software.

Undergraduate Research Assistant

October 2023 – April 2024

Michigan State University

East Lansing, MI

- Built **ML pipeline** with **Python**, **scikit-learn**, **NLP**, and **computer vision** for auto-grading medical exams, processing HIPAA-compliant data and achieving 89% validation accuracy.

Board Advisor & Former President

March 2024 – Present

Imagine Software

East Lansing, MI

- Led organization growth by 100% to 350+ members through targeted outreach, overseeing internship-like experience for 60 students across 10 development teams with bi-weekly check-ins.

PROJECTS

RecycleMe - Gamified Sustainability Platform | Flutter, Firebase, OpenAI APIs, PyTorch

Oct 2023 – Apr 2024

- Led 5-member agile team developing **RecycleMe MVP** in 90 days, gamifying recycling through **GPT-Vision object recognition** and custom dataset achieving 90% accuracy for waste classification.

Notelify - AI Meeting Assistant | Next.js, React, Supabase, OpenAI APIs

Oct 2023 – Apr 2024

- Developed full-stack **AI-powered note-taking platform** integrating **Mozilla Speech-to-Text API with OpenAI** for automated meeting summaries, reducing student effort by 95% and winning 'Best Use of AI' award.

ThinkedIn - Career Mentorship Network | Discord, LinkedIn Integration

March 2024 – Present

- Founded 200+ member organization providing career guidance and social media strategy, creating structured mentorship programs connecting students with industry professionals.

SKILLS

Languages: Python, JavaScript, Java, TypeScript, C++, Go, Swift, Dart, HTML/CSS

Technologies: React.js, Node.js, Firebase, AWS (S3, EC2, Lambda), Docker, MongoDB, PostgreSQL, scikit-learn, PyTorch, TensorFlow, OpenAI APIs, Flutter, Next.js, Git

Concepts: Full Stack Development, AI/ML, Data Structures & Algorithms, Agile Development, Cloud Computing, Microservices, Contract Testing, Product Management