Christian Wilkins

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EDUCATION

Michigan State University December 2026
Bachelor of Science in Computer Science, Minor in Business - GPA 3.9 *East Lansing, MI*

EXPERIENCE

Software Engineering Intern June 2025 – August 2025
JPMorganChase *Columbus, OH*
- Faced disparate internal job data with ambiguous requirements; owned an **AI matching engine** using **Python, scikit-learn, spaCy, PostgreSQL** to automate placements, **winning JPMC Global Hackathon** and enabling higher-quality matches at scale.
- Inherited slow S3 migration scripts; **rewrote for concurrency** with **concurrent.futures** and **boto3**, delivering **95% faster** transfers and robust retries, making data moves operable and testable.
- Observed brittle cross-team integrations; introduced **PactFlow/Jules contract tests**, cutting integration issues by **90%** and improving CI reliability and service ownership.

Software Engineering Intern May 2024 – August 2024
Configura *Grand Rapids, MI*
- Joined a **75M+ line proprietary CM** codebase; shipped a client-facing sales extension (C#/Java-like), collaborating cross-functionally to align requirements and deliver production-ready, tested features that unlocked product sales.
- Navigated minimal docs and evolving specs; partnered with senior engineers to integrate clean APIs and safeguards, demonstrating **ownership**, communication, and operable delivery in a complex ecosystem.
- Designed accurate hit detection for modeled spaces, preventing invalid configurations and improving end-user experience under real-world constraints.

Undergraduate Research Assistant October 2023 – April 2024
Michigan State University *East Lansing, MI*
- Standardized HIPAA-compliant datasets and built an **ML pipeline** (**Python**, scikit-learn, NLP, CV) for auto-grading, achieving **89% validation accuracy** and cutting grading time from months to days.

Claude Student Ambassador August 2025 – Present
Anthropic *Remote*
- Recruited and onboarded 120+ students, fostering discussions on AI safety and ethics; strengthened **communication** and community leadership through events, forums, and mentoring.

PROJECTS

hurrycane | *Swift, MongoDB, Firebase, Go, iOS* September 2024
- Built **hurrycane** end-to-end (Swift iOS, Go backend) with **real-time routing** on MongoDB/Firebase; won **Waymo @ ShellHacks 2024**, showcasing product sense and scalable, concurrent back-end design.

RecycleMe | *Flutter, Firebase, OpenAI APIs, Python, PyTorch, TensorFlow* Oct 2023 – Apr 2024
- Led a 5-person team to MVP in 90 days; integrated **GPT-Vision** and custom dataset (**90%** accuracy), applying agile and testing practices to ship an operable product.

Notelify | *Next.js, React, Supabase, Typescript* Oct 2023 – Apr 2024
- Developed the frontend and integrated cost-effective speech-to-text with OpenAI APIs, automating summaries and winning **Best Use of AI**; emphasized usability and measurable impact.

SKILLS

Languages: Java, **Python**, C, C++, JavaScript, TypeScript, Dart, Golang
Technologies: React.js, Firebase, NumPy, Flutter, Linux, Jira, AWS (S3, EC2, Lambda, RDS, DynamoDB, IAM, CloudFormation), Docker, Kubernetes, Spring Boot, Spinnaker, Git, Flask, NodeJS, **PostgreSQL**
Concepts: Data Structures and Algorithms, **Object-Oriented Programming**, Agile, AI/ML, Full Stack, Cloud, DevOps, CI/CD, Microservices, Contract Testing, Observability