

Christian Wilkins

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EDUCATION

Michigan State University <i>Bachelor of Science in Computer Science, Minor in Business - GPA 4.0</i>	December 2025 <i>East Lansing, MI</i>
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SKILLS

Languages: Python, C++, Java, C, JavaScript, TypeScript, Golang, Dart, HTML
Technologies: NumPy, scikit-learn, PyTorch, TensorFlow, spaCy, AWS, Docker, Linux, Git, React.js, Flask, NodeJS, Firebase, MongoDB
Concepts: Data Structures and Algorithms, Machine Learning, Data Analysis, Quantitative Research, Statistical Modeling, Problem Solving, Agile, Full Stack Development, Cloud Computing

EXPERIENCE

Software Engineering Intern <i>JPMorganChase</i>	June 2025 – August 2025 <i>Columbus, OH</i>
<ul style="list-style-type: none">Built AI-powered matching system using scikit-learn, spaCy, PostgreSQL for internal job placements via quantitative analysis, winning first at <u>JPMC Global Hackathon</u> among 1000+ participants.Optimized AWS S3 data migrations achieving 95% concurrency improvement through Python (boto3, concurrent.futures), demonstrating strong quantitative problem-solving under pressure.Reduced cross-team integration issues by 90% via PactFlow contract testing, collaborating with distributed teams to solve complex technical challenges in a fast-paced financial technology environment.	
Undergraduate Research Assistant <i>Michigan State University</i>	October 2023 – April 2024 <i>East Lansing, MI</i>
<ul style="list-style-type: none">Conducted quantitative research building machine learning pipelines (Python, scikit-learn, NLP) for automated medical exam grading, processing HIPAA-compliant datasets and developing statistical models.Achieved 89% validation accuracy through iterative data analysis and model optimization, reducing grading time from months to days while collaborating with medical faculty to refine algorithms.	
Software Engineering Intern <i>Configura</i>	May 2024 – August 2024 <i>Grand Rapids, MI</i>
<ul style="list-style-type: none">Engineered custom sales extension in a 75M+ line proprietary codebase, proactively engaging senior engineers to navigate undocumented systems and deliver client-facing features enabling core product sales.Pioneered novel algorithmic hit detection for spatial modeling, preventing configuration errors and enhancing user experience through analytical problem-solving in complex geometric calculations.	
Board Advisor & Former President <i>Imagine Software</i>	March 2024 – Present <i>East Lansing, MI</i>
<ul style="list-style-type: none">Led organization to 100% growth (350+ members) as President through data-driven outreach strategies, mentoring 60 students across 10 project teams in bi-weekly sessions, fostering collaborative learning.	
<h2>PROJECTS</h2>	
hurricane <i>Swift, MongoDB, Firebase, Go, iOS</i>	September 2024
<ul style="list-style-type: none">Architected real-time ride-sharing iOS app using Swift frontend and Go backend, implementing concurrent scalable routing algorithms for multi-stop evacuation routes, winning Waymo @ ShellHacks 2024.	
RecycleMe <i>Flutter, Firebase, OpenAI APIs, Python, PyTorch, TensorFlow</i>	October 2023 – April 2024
<ul style="list-style-type: none">Led 5-member agile team developing RecycleMe MVP (Flutter, Firebase), training custom computer vision model (PyTorch, TensorFlow) achieving 90% accuracy for object recognition, applying quantitative evaluation methods.	
Notelify <i>Next.js, React, TypeScript, Python</i>	October 2023 – April 2024
<ul style="list-style-type: none">Built automated note-taking platform (Next.js, React) integrating speech-to-text with AI-powered summarization, winning 'Best Use of AI' award by reducing manual effort 95% through intelligent automation.	
ThinkedIn <i>Discord, LinkedIn, Mentorship</i>	March 2024 – Present
<ul style="list-style-type: none">Founded ~200 member organization providing career mentorship, demonstrating leadership and communication skills through building collaborative community focused on professional development.	