

Christian Wilkins

christian.wilkins.careers@gmail.com | linkedin.com/in/christian-wilkins/ | github.com/christianwilkins | chriswiki.com

EDUCATION

Michigan State University

Bachelor of Science in Computer Science, Minor in Business - GPA 4.0

December 2025

East Lansing, MI

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

JPMorganChase

June 2025 – August 2025

Columbus, OH

- Built AI-powered matching system using scikit-learn, spaCy, PostgreSQL for internal job placements via quantitative analysis, winning first at JPMC Global Hackathon 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

Michigan State University

October 2023 – April 2024

East Lansing, MI

- 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

Configura

May 2024 – August 2024

Grand Rapids, MI

- 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

Imagine Software

March 2024 – Present

East Lansing, MI

- 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.

PROJECTS

hurricane | Swift, MongoDB, Firebase, Go, iOS

September 2024

- 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 | Flutter, Firebase, OpenAI APIs, Python, PyTorch, TensorFlow

October 2023 – April 2024

- 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.

Notetify | Next.js, React, TypeScript, Python

October 2023 – April 2024

- 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 | Discord, LinkedIn, Mentorship

March 2024 – Present

- Founded ~200 member organization providing career mentorship, demonstrating leadership and communication skills through building collaborative community focused on professional development.