CHRISTIAN WILKINS

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EDUCATION

Michigan State University, College of Engineering   **August 2023 – December 2025**
Bachelor of Science in Computer Science, Minor in Business   *GPA: 4.00*
- **Relevant Courses:** Matrix Algebra with Python, Programming with C++, Intro to Corporate Finance, Survey of Accounting, Algorithms and Data Structures, Computer Organization and Architecture

Saginaw Valley State University   **August 2020 – May 2023**
Computer Science   *GPA: 3.96*
- **Relevant Courses:** Advanced Programming with Java, Client-side Web Application Development, Cybersecurity System Administration, Cybercrime, Introduction to Computer Programming with Java I and II

PROFESSIONAL EXPERIENCE

Michigan State University   **East Lansing, MI**
Undergrad Research Assistant   *October 2023 - Present*
- Leverage AI technology using natural language processing (NLP) and computer vision to help engineer and align a machine-learning (ML) model to auto-grade 15-minute-long medical students' simulated patient exams
- Harness INCEpTION software to annotate and analyze text and video data
- The end goal is to create a model with at least 95% accuracy so the grading system can be automated, reducing the grading time from months to days in addition to maintaining medical confidentiality

Amazing Deli   **Midland, MI**
Sales Associate and Social Media Director   *May 2023 – August 2023*
- Conducted point-of-sale transactions with accuracy and efficiency, maintaining an error rate consistently below 1%
- Promoted specials and branding via Meta Business Suite leading to a 300% improvement in social media traffic

PROJECTS & OUTSIDE EXPERIENCE

Notelify (hosted at notelify.co)   **East Lansing, MI**
Project Member   *October 2023 - Present*
- Partner with a team of 6 to create an easy, streamlined user experience for students to automate note-taking
- Personally responsible to construct a donation page and implement APIs to transcribe users' speech to text and transform it into a Markdown summary of key concepts using prompt engineering
- Tech stack of Next.js, Firebase, Google Speech to Text API, OpenAI, and Google Cloud

RecycleMe   **East Lansing, MI**
Founder, Project Manager, and Technical Co-Lead   *October 2023 - Present*
- Craft a business plan outlining 5+ key features for a mobile application project aimed at reforming and gamifying recycling to promote environmental sustainability and engagement
- Lead a team of 5 with the goal of successfully developing and launching a Minimum Viable Product (MVP) within an ambitious 90-day timeline
- Coach a cross-functional team utilizing effective communication, stand-up meetings, and in-person collaboration combined with project management tools Trello, GitHub projects, and Figma
- Demonstrate and inspire a motivational work environment through critical feedback and praise
- Accepted into the Discovery program at MSU's Burgess Institute for Entrepreneurship & Innovation
- Tech stack of Flutter, Dart, GetX, Firebase, OpenAI APIs, Python, and PyTorch

Space Battle 2 AI   **Grand Rapids, MI**
Co-Lead Developer   *November 2023*
- Demonstrated expertise in AI development, securing second place in a bracket-style tournament by outperforming competing AI players

Othello AI   **Grand Rapids, MI**
Co-Lead Developer   *October 2022*
- Showcased strategic thinking by tackling complex coding challenges and demonstrated prowess in AI development and teamwork, ultimately securing the first-place position by defeating other teams' AI player in a bracket-style tournament

SKILLS & INTERESTS

Skills: Adobe Photoshop, data analysis, JavaScript, GIT, HTML/CSS, Java, PowerShell, Linux/Unix, C++, project management, Flutter, Dart, Python, Word/Google Docs, Excel/Google Sheets, Firebase, prompt engineering, NumPy
Interests: software development life cycle, GIT, GitHub, use metrics, programming languages, frontend, backend, mobile development, databases, data processing, cybersecurity, AI/machine learning, startups, data science