

Andrew Wu

✉️ wuandrewj@gmail.com | ☎️ 419-464-4067 | 🏠 Open to relocation

EDUCATION

Ohio State University

August 2019 - December 2024

- Bachelor's of Science - Computer Science and Engineering - AI Specialization
- Associate of Arts - General Studies

(GPA: 3.5/4.0)

(GPA: 3.7/4.0)

WORK EXPERIENCE

Circe — Full-Stack Tech Lead

September 2025 - Present

- Building Saga, an AI-agent-driven collaborative video editing platform with natural-language editing workflows
- Architecting a cross-platform React Native TypeScript client (web, Android, iOS) for real-time editing and collaboration
- Implementing a FastAPI Python backend on AWS (Lambda, RDS, EC2, S3) with AI-agent workflow orchestration on Airflow
- Automating cloud provisioning and deployments with AWS CDK infrastructure-as-code
- Driving technical direction for a team of 4 engineers and 1 designer through requirements definition, technical design, and system design reviews

Domino's — Assistant Manager

July 2025 - November 2025

- Supervised daily operations managing teams of up to 6 employees, coordinating with management, and resolving customer issues
- Conducted new hire training for all positions up to and including assistant manager, training employees on insider operations, delivery procedures, and company standards
- Managed daily inventory and financial operations such as ordering and counting inventory, cash reconciliation, and bank deposits
- Improved store operations by contributing updates to the store's Standard Operating Procedures manual

State of Ohio — QA Analyst Intern

May 2024 - August 2024

- Worked primarily as a part of a software QA team on automated testing of enterprise software
- Implemented automated end-to-end test scripts for internal and public facing Salesforce based applications
- Collaborated with a development team on testing and debugging new features and fixes
- Contributed to efforts to improve automated test monitoring and tracking

JPMorgan & Chase — Software Engineering Intern

May 2023 - August 2023

- Worked primarily as a part of an agile software development team on developing enterprise software
- Assisted in the implementation of continuous development practices in the product development pipeline
- Improved and documented my team's End-to-End testing practices writing an additional 4 pages of documentation
- Developed automated End-to-End testing using Cypress and Cucumber, and implemented over 30 test cases
- Conducted code reviews and provided feedback to improve code quality, readability, and maintainability

Accutech Systems — Software Developer Intern

May 2022 - August 2022

- Worked primarily as a part of an agile software development team on developing business-to-business software
- Assisted in the outlining and planning of the company's Internal Design System
- Built and improved over 6 core Internal Design System components using the Vue.js framework
- Setup automated CI pipeline testing for Internal Design System components using Cypress
- Implemented automated web UI accessibility testing in accordance with the WCAG2 standard
- Maintained a financial data analytics web application by fixing several UI and API bugs

PROJECTS

Language Compiler & Virtual Machine — C++

- Developed a compiler and virtual machine for a toy programming language and associated bytecode respectively
- Implemented support for functional oriented programming features and dynamic virtual memory management

Raspberry Pi Camera with Person Detection & Tracking — Python

- Developed real-time person detection and tracking software that runs locally on a Raspberry Pi 5
- Utilized NumPy and OpenCV to implement pre-trained models for detection and tracking.

Arduino Bluetooth Temperature Sensor — C & FreeRTOS / Rust & RTIC

- Developed an Arduino ATMega2560-based bluetooth wireless temperature sensor
- Developed a custom driver for the DHT11 sensor and a custom UART driver for the HM-10 BLE 4 module

SKILLS

Languages C, C++, C#, Java, Python, JavaScript, TypeScript, Haskell, Rust, HTML, CSS, XML, SQL

Software Git, Docker, Bitbucket, Jira, Confluence, Linux OS

Frameworks Cypress, Cucumber, Vue.js, AngularJS, React, Node.js