Michael J. Baldino

baldino.6@buckeyemail.osu.edu | linkedin.com/in/michael-j-baldino | 631-922-7732

EDUCATION

The Ohio State University | GPA: 3.70/4.00 — **Columbus, OH**
Bachelor of Science in Computer Science Engineering — *May 2026*
- **Specialization:** Artificial Intelligence and Machine Learning | **Minor:** Business
- **Awards:** National Buckeye Scholarship, Provost Scholarship & Dean's List
- **Relevant Coursework:** Data Structures and Algorithms (Java), Operating Systems (C), Full Stack Web Applications (Ruby/Javascript/Rails/HTML/CSS), Object Oriented Programming (C++), Statistics

EXPERIENCE

AI/ML Developer Intern — **Tampa, Fl**
Resilience Inc. — *June 2024 - August 2024*
- Achieved 95% accuracy on a machine learning model that predicts emotions based on user audio utilizing the **Python** libraries: TensorFlow, Pandas, Numpy, Keras, and Librosa to create a Convolutional Neural Network
- Improved model accuracy by 5% through new data parameters computed with audio signal processing tools
- Peer reviewed code modifications ensuring additions would not compromise the current model with overfit
- Implemented the model into the **My AIMEE** android application to perform on-device training of the model

Developer/Recruitment Coordinator — **Columbus, OH**
Beta Theta Pi Fraternity — *January 2023 - Present*
- Automated and modernized recruitment processes utilizing **Javascript** and the **Google App Script's API** to format live data from a spreadsheet into a slideshow presentation for each respective candidate's application
- Increased recruitment class size by 30% with 70 new members through two recruitment cycles
- Optimization enabled the organization to review the applications of 288 candidates at a 50% faster rate

PROJECTS

Presentation Evaluation System — **Columbus, OH**
Web Application — *November 2024- December 2024*
- Utilized **Ruby on Rails** to develop an application that allowed teachers to assign presentations to students of which they would give feedback to other students as well as receive feedback from their peers and instructors

Home Security System` — **Columbus, OH**
Technical Project — *October 2024- December 2024*
- Deployed **Arduino** microcontrollers to program the device in **C/C++** to create a home security system.
- Utilized Motion Detection software implemented with an **ESP32** microcontroller to signal and alarm the homeowner of the intruder with bright flashing lights as well as a buzzer to deter the invader from entering.

ThinkOrganic — **Long Island, NY**
Web Development — *August 2024 - Present*
- Optimized the webpage utilizing **HTML** and **CSS** to make it responsive and accessible to all users
- Implemented a search feature with **JavaScript** that enabled users to fetch search results from a database

TECHNICAL SKILLS

- **Languages:** Java, C++, C, JavaScript, Python, X86-64 Assembly, HTML, CSS, Ruby
- **Frameworks and Libraries:** React, JUnit, TensorFlow, Keras, Numpy, Pandas, Librosa, Rails
- **Developer Tools and Environments:** Git, VS Code, Eclipse, Linux, MATLAB, SolidWorks, Jupyter Notebook, GDB/DDD Debugger, Android Studio