

# JAMES COX

Fairborn, OH | 337-347-1139 | [cox.366@wright.edu](mailto:cox.366@wright.edu) | LinkedIn: [www.linkedin.com/in/james-cox-30296b251/](https://www.linkedin.com/in/james-cox-30296b251/) | GitHub: [github.com/ItsMeJimmie](https://github.com/ItsMeJimmie) | Personal Website/Portfolio: [github.com/ItsMeJimmie/JimmieCox.github.io](https://github.com/ItsMeJimmie/JimmieCox.github.io)

## EDUCATION

**Wright State University**, Dayton, OH

Expected Graduation: End Fall 2025, Spring 2026

- BS in Computer Science (Graduating Half A Semester Early | Honors Program)
- MS in Computer Science
- Relevant Coursework: CS 1180 and 1181 (Java Obj. Oriented Programming), Elementary Linear Algebra, Statistics for Engineers, Data Structures and Algorithms, Operating Sys Concepts and Usage, Computer Organization

## TECHNICAL / OTHER SKILLS

- Computer Languages/Other: Python, HTML, CSS, JavaScript (Very Limited), Java (Beginner)
- Tools: Git, PyCharm, Python Libraries (Numpy, Pandas, Scikit Learn, TensorFlow, Pytorch, Matplotlib)
- Computer Skills: Intermediate IT skills, Data Analysis, Basic Web Development, Matlab (Beginner)
- Other Skills: Active Listener, Team Oriented, Punctual
- Online Certificates: In Progress on one from Coursera (Machine Learning With Python)

## WORK EXPERIENCE

**Wright State University**, *Senior Help Desk Student Worker*, Dayton, OH

January 2023 - Present

- Answered students, faculty, and staff emails regarding services we help maintain (Office 365 License, Adobe, etc.)
- Created and sent tickets to other departments when required
- Handled face-to-face interactions with students, faculty, and staff regarding laptop issues
- Delivered printer toner and replaced any broken or out of stock parts in Xerox printers
- Used Beyond Trust Remote Support software to remote into clients' computers to fix issues

**Héroux Devtek**, Engineering Intern, Springfield, OH

June 2022 – August 2022

- Learned the software 3D VIA and designed 3D animated work instructions for workers on job floor
- Assisted engineers by capturing pictures for PowerPoint work instructions
- Organized and filed important documents
- Uploaded physical work orders to company database
- Located and documented landing gear parts previously undocumented around building
- Cleaned and restocked spill kits around building floor

## PROJECTS & LEADERSHIP EXPERIENCE & AWARDS

**Personal Website**, Independent Project

October 2024

- Designed personal website using outside help to implement features using FormSpree, Google Fonts, FontAwesome, etc.
- Implemented the actual design by writing HTML and CSS code to produce the actual working website

**Image Classifier for Diseased Plants Final Project**, Class Project, Applied Machine Learning

Spring 2024

- Acquired dataset from Kaggle to be used in my convolutional neural network (CNN)
- Wrote code to implement the Machine Learning project using Keras, TensorFlow, Pandas, Numpy, Matplotlib, etc.
- Evaluated data and produced a PowerPoint presentation and written report on my work and results

**Breast Cancer Detection Project**, Independent Project

October 2024

- Acquired the Wisconsin Breast Cancer dataset that held benign and malignant tumor data and produced a binary classification model to predict benign or malignant tumors
- Wrote the Python code that implemented this project using Pytorch, Pandas, Numpy, Matplotlib, etc.

**ACM Programming Competition**, 2<sup>nd</sup> Place Winner, Dayton, Ohio

Fall 2023

- Participated and organized a three man team to participate in Wright State's ACM Programming competition
- Won second place overall after answering programming questions using the Python programming language