

James Cox

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Education

WRIGHT STATE UNIVERSITY

Bachelor of Science in Computer Science

Dayton, Ohio

May 2026

Work Experience

Computing And Telecommunications Services (CaTS)

Student Worker (Wright State University)

Dayton, Ohio

January 2023 – May 2023 | August 2023 - Present

- Answered students, faculty, and staff emails regarding services we help maintain (Office365 License, Adobe, etc.)
- Created and sent tickets to other departments when needed
- Dealt with face-to-face interactions with students, faculty, and staff regarding laptop issues, etc.
- Delivered printer toner and replaced any broken or out of stock parts in Xerox printers
- Used BeyondTrust Remote Support software to remote into clients' computers to fix issues

Héroux-Devtek

Engineering Intern

Springfield, Ohio

June 2022 – August 2022

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

Related Coursework

- Discrete Structures and Their Algorithms | Proofs, logic gates, etc.
- Elementary Linear Algebra (In Progress) | Matrices, Euclidean Space, Vectors, etc.
- Statistics for Engineers (In Progress) | Statistics basics but applied for engineering problems
- Computer Science I and II | Java and OOP Fundamentals
- Data Structures and Their Algorithms (In Progress) | C++ and Data Structures
- Operating Systems Concepts and Usage | Linux, Bash Scripting, Computer Hardware, etc.
- Computer Organization | LC3 Assembly Language, Von Neuman Model, logic gates, etc.
- Applied Machine Learning (In Progress) | Linear and logistic regression, neural networks, etc.
- Technical Communication for Engineers and Computer Scientists (In Progress) | Writing clear professional reports for the workplace.
- Calculus I and II | Optimization, Derivatives, etc.

Additional Skills | Accomplishments

- Won best freshman team ACM Coding Competition Wright State; sophomore year second place overall
- Clear and concise communicator
- Knows how to troubleshoot most computer issues from knowledge gained from past work experiences.

Projects

Applied Machine Learning Class (Python)

Linear Regression | Skill Learned: Coding a ML algorithm

Computer Science II (Java)

Password Cracker | Skill Learned: Multithreading

Data Structures and Their Algorithms (C++)

Game | Skill Implemented: OOP Fundamentals in C++

Computer Organization (LC3 Assembly)

Fibonacci | Skill Learned: Recursion/Runtime Stack