

Derek Corniello

440.821.5281 | corniedj@mail.uc.edu | derekcorniello.github.io
LinkedIn: [linkedin.com/in/derek-corniello](https://www.linkedin.com/in/derek-corniello) | GitHub: github.com/DerekCorniello

EDUCATION

University of Cincinnati, Cincinnati, Ohio

Expected Graduation: May 2027

Bachelor of Science, Computer Science, Master of Engineering, Software Engineering

GPA: 3.8

Relevant Courses: Software Engineering, Web Applications, Algorithms, Computer Networking and Data Structures

SKILLS

Hardware and Systems: Microsoft Windows, MacOS, iOS, Linux, VR/XR/AR, Microcontrollers, and Microcomputers

Software: Git, Docker/VMs, MS Office, AutoCAD, Blender, MS VS(C), LabView, and Unity

Languages: Python, C#, C++, Neo4j/Cypher, PowerShell, CMD, MATLAB, HTML/CSS, JavaScript

EXPERIENCE

Siemens Digital Industries Software – Milford, OH

January 2024 – Present

Software Engineering Research and Development Intern

- Collaborated with cross-functional teams to design, develop, and test innovative software solutions
- Executed experimental prototypes to validate hypotheses and conducted analysis for insight on future development
- Engaged in continuous learning by actively researching new methodologies relevant to current projects
- Contributed to the documentation of projects, facilitating seamless knowledge transfer and collaboration
- Identified and resolved software bugs and issues, demonstrating a meticulous approach to debugging and troubleshooting

University of Cincinnati CEAS – Cincinnati, OH

(Seasonal) August 2023 – Present

Peer Teaching Assistant

- Sustained trust with management to act with integrity and finish tasks efficiently and in a timely manner
- Implemented a safe learning environment for hundreds of first-year students through building relationships
- Adhered to strict regulations pertaining to student privacy and safety inside and outside class
- Prepared weekly lectures and in-class assignments to lead a productive classroom in active learning
- Fostered learning in dozens of students through tutoring and mentoring outside class

Chipotle – Brunswick, OH / Hyde Park, OH

August 2021 – April 2024

Kitchen Leader

- Oversaw daily workflow of food service from receiving, storing, and serving of food
- Conserved safety of nearly 50 crew members whilst communicated with upper management daily
- Maintained a clean restaurant environment, establishing attentiveness to detail with an “A” health inspection score
- Trained over ten crew members and managers as well as assisting coworkers with various duties
- Gained time management skills as demonstrated by increased food quality and output by about 10%

PROJECT EXPERIENCE AND ACTIVITIES

University of Cincinnati

August 2022 – May 2023

Engineering Project Management and Documentation

Responsibilities: Developed a solution to problems using project management and engineering design process

Lab Management Team

Responsibilities: Sustained a working lab space of 8 3D printers for teams through teamwork and maintenance

Available to Co-Op Fall 2025