Colin Conn

M.S. Student · University of Cincinnati

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Education

University of Cincinnati   *Cincinnati, OH*
M.S. Computer Science   *Aug 2023 - Present*

- Advisor: Dr. Jillian Aurisano

University of Cincinnati   *Cincinnati, OH*
B.S. Computer Science   *Aug 2018 - May 2023*

- Capstone Advisor: Dr. Jillian Aurisano

Skills

Front-end	HTML, CSS, Svelte, React, Blazor, Angular, Vue.js
Design	Figma, Canva
Data Vis	D3.js, VegaLite, Tableau, Power BI
Programming	Node.js, Python, JavaScript, C#, LaTeX
Game Dev	Godot, Unity

Experience

Teaching and Research

Teaching Assistant   *Cincinnati, OH*
University of Cincinnati   *Aug 2024 - Present*

- User Interface I - 57 Students
- Visual Interfaces of Data - 37 Students

Graduate Assistant - DaVInCi Lab   *Cincinnati, OH*
University of Cincinnati   *Jun 2023 - Present*

- Designing and developing a tool to allow for easy collaboration using a shared matrix of screens in a classroom or lab environment
- Creating sketches and designing prototypes with Figma before implementing new features
- Utilizing libraries such as Simple-Peer and Socket.io to allow users to come together and share content effectively

Industry

Software Co-Op   *Ft. Thomas, KY*
KLH Engineers   *Aug 2021 - May 2023*

- Programmed a data integration web application and Revit add-in for use by over a dozen internal professional engineers and external customers across the country
- Connected a Blazor front end with a MySQL back end to efficiently display data for building design projects
- Participated in design review meetings to collaboratively design usable and accessible UI elements for the application

IT Intern - Office of Research   *Cincinnati, OH*
University of Cincinnati   *Aug 2019 - Aug 2021*

- Developed and styled web apps used to apply for hundreds of thousands of dollars' worth of grant funding using Vue.js and Angular frameworks
- Refactored the equipment tracking system for thousands of pieces of research and office equipment in a department SharePoint server
- Collected data from professors throughout the University of Cincinnati and created helpful visualizations for users to ingest the data

Curriculum Design Intern *Cleveland, OH*
Tech Elevator *May 2019 - Aug 2019*

- Collaborated with the curriculum design team of a coding bootcamp refining the learning process for students as an outside perspective on the course
- Tracked and documented the progress of 15 students through a 12-week full-stack development bootcamp
- Assisted with procurement and preparation of materials for external remote company bootcamp classes

Awards, Fellowships, & Honors

2024-25 **Graduate Incentive Award**, University of Cincinnati

2023-24 **Graduate Incentive Award**, University of Cincinnati
Godown Family Graduate Fellowship, Godown Family

2023 **Dean's List - Spring**, University of Cincinnati

2022 **Dean's List - Fall**, University of Cincinnati
Dean's List - Spring, University of Cincinnati

2021 **Dean's List - Summer**, University of Cincinnati

2020 **Dean's List - Fall**, University of Cincinnati
Dean's List - Spring, University of Cincinnati

Research Projects

Master's Thesis *University of Cincinnati*
Advisor: Dr. Jillian Aurisano *Aug 2023 - Present*

- **Subject:** Analyzing how collegiate esports players utilize retrospective video review
  - Completing and submitting research proposals to UC's Institutional Review Board
  - Recording and thematically analyzing player retrospective review sessions
  - Conducting and analyzing player interviews regarding their review experiences

Undergraduate Capstone Project *University of Cincinnati*
Advisor: Dr. Jillian Aurisano *Aug 2022 - May 2023*

- **Subject:** Data visualization dashboard for collegiate *Overwatch 2* players
  - Surveyed Collegiate *Overwatch 2* players to find their data needs
  - Collected test dataset from a collegiate team's practice
  - Used D3.js to create a visualization dashboard for players to analyze their play