

# Austin O'Quinn

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in /Austin-O'Quinn  
/AustinOQ

## Education

### The Ohio State University

PhD Computer Science and Engineering

2022 – Present  
Columbus, OH

### Wittenberg University

BS Computer Science and Mathematics

2019 – 2022  
Springfield, OH

## Experience

### Unite Us

Software Engineering Intern

May 2022 – Aug 2022  
Remote

- > Develop a demo Unite Us mobile app.
- > Helped fix bugs in the Unite Us Payments product.

### Wittenberg University

Teaching Assistant

Aug 2020 – May 2022  
Springfield, OH

- > Taught Labs for Wittenberg's Intro To Computer Science course.
- > Helped redesign lab curriculum.

### Wittenberg University

Math and Computer Science Tutor

Aug 2020 – May 2022  
Springfield, OH

- > For math I tutored: Calculus I-III, Linear Algebra, Discrete Math, and Probability.
- > For computer science I tutored: Intro to Python, Algorithms, Theory of Computation, and Architecture.

### Wittenberg University Plasma Lab

Software Engineer

May 2021 – Aug 2021  
Springfield OH

- > Contributed to a large event-driven simulator that models the motion of ions in a plasma.
- > Wrote tools to analyze simulation and experimental results.

### US Army

Information Technology Specialist

July 2016 – May 2023  
Various Locations

- > Helped administrate the army's network.
- > Oversaw the adoption of new IT systems and policies.

## Projects

### CPUVis

- > A modular execution cycle simulator and visualizer, this project is meant to be used as a classroom teaching aide. You can find this project on my GitHub!

### ICICLE

- > I am an active contributor to ICICLE, specifically in the area of digital agriculture. Find out more about the ICICLE project here: <https://icicle.osu.edu/>

## Skills

**Skills** Programming, Data Structures, Algorithm design, Database Design, Computer Architecture

**Technologies** GIT, Docker, Kubernetes, Linux, Rails, React

**Languages** C, C++, Python, Java, HTML/CSS/JS, Rust, Ruby, SQL