

# Rory Rodriguez

[LinkedIn](#) | [Website](#) | [GitHub](#) | [rodriguez.rory40@gmail.com](mailto:rodriguez.rory40@gmail.com)

## EDUCATION

**The Ohio State University**, Columbus, Ohio

**Expected Graduation: May 2025**

*B.S. Computer Science Engineering with a Business Minor*

GPA: **3.98/4.0**

- Relevant Courses: AI, Networking, Databases, Web Apps, Operating Systems, Mobile Apps, Low-Level Prog. & Computer Organization, Software Dev. & Design, Data Structures & Algorithms, Discrete Structures, Linear Algebra
- Honors: Maximus Scholarship, Dean's List 6 semesters, Engineering Showcase Representative, Best Video Essay

## SKILLS

**Programming Languages:** Java, TypeScript/JavaScript, Python, Ruby, C, HTML, CSS, x86-64 assembly, MATLAB, Lua  
**Technologies/Concepts:** React, SpringBoot, Next.js, Tailwind CSS, Rails, JUnit, TensorFlow, NumPy, Pandas, Matplotlib, Teachable Machine, PApplet, Git, GitHub, Windows, Linux, Mac, Agile, MVC design

## EXPERIENCE

**J.P. Morgan Chase Co.**

June 2024 – Aug. 2024

*Software Engineer Intern*

Columbus, OH

- Developing a full-stack application with React, SpringBoot, and AWS to improve Chase branch banker performance

**The Ohio State University**

Aug. 2023 – Present

*Teaching Assistant*

Columbus, OH

- Grade and provide constructive feedback on homework and projects for ~40 students in challenging topics ranging from data structures & algorithms, component interface design, language parsing with trees, and best Java practices
- Assist students with course content through biweekly in person labs, weekly office hours, and review sessions
- Developed a Python script to streamline the project grading process, saving 10 to 20 minutes of time per set of projects

**iD Tech**

June 2023 – Aug. 2023

*Lead Instructor*

Ann Arbor, MI

- Instructed courses at the University of Michigan for AI & Machine Learning in Python, Java for Applications & Game Development, and Roblox Game Design with Lua Scripting catering to a wide array of students aged 6 to 18 years
- Planned and led camp activities while also managing 8 other instructors and served as temporary assistant director
- Delivered lesson plans using libraries such as TensorFlow and Pandas, resulting in a 98% student approval rating

## PROJECTS

**J.P. Morgan Code for Good** (Next.js, Tailwind CSS, Express.js, Firebase) | [Video](#)

Nov. 2023

- Implemented an academic game framework for nonprofit Future Ready Five to prepare children for kindergarten
- Developed app to turn intervention specialist questions into engaging games for children, while sending SMS updates
- Led a 6-member team, overseeing frontend development and integrating specialist input with backend

**ProSign** (Python, JavaScript) | [GitHub](#)

July 2023 – Aug. 2023

- Engineered a repeatable sign language alphabet quiz of a specified length that recognizes user input through device camera and tracks high scores
- Trained an image recognition model using Teachable Machine and 10000+ test images with TensorFlow

**VisualSort App** (HTML, CSS, JavaScript) | [Website](#) | [GitHub](#)

April 2023 – June 2023

- Implemented a web app to visually show the process of 4 sorting algorithms on an array
- Optimized to randomly generate an array of 5 different sizes, sort at 5 different speeds, and display Big O runtimes

## ACTIVITIES

**The OSU Cooking Club** | *Co-founder & Chief Marketing Officer*

Jan. 2023 – Present

- Deploy marketing strategies resulting in growth from ~10 members at club's inception to 300+ current members
- Curate and manage the club's Instagram of 100+ followers and collaborate in developing activities and events

**HeadStart Fellowship** | *Mentor & Prev. Fellow*

Jan. 2023 – Present

- Serve as a mentor for a fellowship in professional and personal development for underrepresented groups
- Host weekly one-on-ones to provide guidance on deliverables, including technical interviews and LinkedIn networking
- Contributed as a panelist for a fellowship-wide crash course on behavioral interviews, assisting 65+ fellows

**Other Interests:** basketball, cooking, running, investing, climbing, concerts, skiing, painting, hiking, piano, frisbee