

Rory Rodriguez

[LinkedIn](#) | [Website](#) | [GitHub](#) | 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: Artificial Intelligence, Networking, Web Apps, Operating Systems, Low-Level Prog. & Computer Organization, Software Dev. & Design, Data Structures & Algorithms, Discrete Structures, Linear Algebra
- Honors: Maximus Scholarship, Dean's List 4 semesters, Engineering Showcase Representative, Best Video Essay

SKILLS

Programming Languages: Java, JavaScript, Python, Ruby, C, HTML, CSS, x86-64 assembly, MATLAB, Lua

Technologies/Concepts: Git, GitHub, React, Next.js, Tailwind CSS, Rails, gdb debugger, JUnit, TensorFlow, NumPy, Pandas, Matplotlib, Teachable Machine, PApplet, Windows, Linux, Mac, Agile Methodologies, MVC design

EXPERIENCE

J.P. Morgan Chase Co.

June 2024 – Aug. 2024

Incoming Software Engineer Intern

Columbus, OH

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

- Developed an academic game framework for nonprofit Future Ready Five to prepare children for kindergarten
- Implemented app to transform an intervention specialist's educational questions into engaging games for the child to play, while providing real time SMS progress updates to parents and specialists
- 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 ~30 members at club's inception to 380+ current members
- Curate and manage the club's Instagram of 100+ followers and collaborate in developing activities and events

HeadStart Fellowship | *Fellow*

Jan. 2023 – May 2023

- Selected from 500+ applicants for a fellowship in professional and personal development for underrepresented groups
- Produced deliverables ranging from common behavioral question responses to an updated LinkedIn page
- Attended weekly full fellowship meetings, biweekly tech specific meetings, and weekly networking events

Other Organizations: Competitive Programming Club, Society of Asian Scientists and Engineers (SASE), Ski Club

Other Interests: basketball, cooking, running, hiking, concerts, skiing, music production, investing, ultimate frisbee