Rory Rodriguez

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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
- Courses: AI, Networking, Databases, Web Apps, Operating Systems, Mobile Apps, Data Structures & Algorithms
- Honors: Maximus Scholarship, Dean's List 6 semesters, Engineering Showcase Representative, Best Video Essay

SKILLS

Programming Languages: Java, TypeScript/JavaScript, Python, SQL, Ruby, C, C++, x86-64 assembly, MATLAB
Technologies/Concepts: React, SpringBoot, JUnit, React Testing Library, Axios, Postman, AWS, Next.js, Tailwind CSS, Rails, NumPy, Tensorflow, Windows, Linux, Mac, Git, Agile/Scrum, RESTful APIs, MVC design

EXPERIENCE

JPMorgan Chase   September 2024 – May 2025
Incoming Academic Intern   Columbus, OH
JPMorgan Chase   June 2024 – August 2024
Software Engineer Intern   Columbus, OH
- Developed a full-stack CRUD application to improve banker performance using Agile/Scrum methodology
- Implemented features for bankers to track progress applying action items, view performance history, and utilized linear regression to create performance projections based on previous metrics and banker progress
- Connected React frontend to SpringBoot backend with a RESTful API, stored data in an Oracle SQL database, deployed on an AWS ECS cluster, and achieved over 70% code coverage with React Testing Library and JUnit

The Ohio State University   August 2023 – May 2024
Teaching Assistant (Software Development & Design)   Columbus, OH
- Graded and provided 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
- Assisted students with course content through biweekly in person labs, weekly office hours, and review sessions
- Developed a Python script that cut project grading time by ~15 minutes per set, improving efficiency for 10+ graders

iD Tech   June 2023 – August 2023
Lead Instructor   Ann Arbor, MI
- Instructed courses in AI & Machine Learning in Python, Java for Applications & Game Development, and Roblox Game Design with Lua Scripting to students aged 6 to 18 years, achieving a 98% student approval rating
- Managed 8 other instructors, planned and led camp activities, and served as temporary assistant director

PROJECTS

JPMorgan Code for Good (Next.js, Tailwind CSS, Express.js, Firebase) | Video   November 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

ProSign (Python, JavaScript) | GitHub   July 2023 – August 2023
- Engineered a sign language alphabet quiz 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 (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*   January 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 & Previous Fellow*   January 2023 – Present
- Mentoring a fellowship for underrepresented groups, providing weekly one-on-one guidance on breaking into tech
- Contributed as a panelist for a fellowship-wide crash course on behavioral interviews, assisting 65+ fellows