

# Rory Rodriguez

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## EDUCATION

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

**Expected Graduation: May 2025**

*B.S. Computer Science Engineering & Business Minor*

**GPA: 3.98/4.0**

- Relevant Courses: Web Applications, Intro to Operating Systems, Intro to Low-Level Programming and Computer Organization, Software Development and Design, Data Structures and Algorithms, Discrete Structures, Linear Algebra
- Honors: Maximus Scholarship, Dean's List 4 semesters, Engineering Showcase Attendant, Best Video Essay

**Springboro High School**, Springboro, Ohio

Aug. 2016 – May 2021

- Weighted GPA (5.00 scale): 4.41
- Honors: Distinguished Graduate (4.0+ GPA, 30+ ACT), National Honors Society

## SKILLS

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

**Technologies:** Visual Studio Code, Eclipse, gdb debugger, Git, GitHub, Django, Bootstrap

## EXPERIENCE

**iD Tech**

June 2023 – Aug. 2023

*Lead Instructor*

Ann Arbor, MI

- Instructing courses at the University of Michigan for AI & Machine Learning with Python, Java for Applications & Game Development, Scratch & Robotics, and Roblox Game Design while also managing 8 other instructors

## PROJECTS

**Personal Website and Project Portfolio** | [Website](#) | [Github](#)

May 2022 – Present

- Constructing and updating a professional, fully responsive, and animated website to highlight 5+ projects and experience (HTML, CSS, JavaScript)
- Creating to allow for recruiters and peers to easily reach out via 4+ forms of communication

**VisualSort App** | [Website](#) | [Github](#)

April 2023 – June 2023

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

**Lyft Back-End Engineering Program** | [Github](#)

May 2022 – Present

- Participated in a 4-step open access virtual program through Forage to gain industry-level experience
- Refactored a disorganized Python codebase to detect when one of 12 different types of cars needed engine, battery, or tire maintenance and wrote unit tests to check if refactored code was implemented correctly
- Gained a certificate of 100% completion after submission was graded for accuracy

**Forkify App** | [Website](#) | [Github](#)

July 2022 – July 2022

- Developed a web app to search for 1,000,000+ recipes from 50 sites by name or ingredient (HTML, CSS, JavaScript)
- Assembled with the ability to bookmark favorites add custom recipes with 5+ ingredients

**PyShop Website** | [Github](#)

Aug. 2022 – Aug. 2022

- Created a sample online grocery shopping website where a product's quantity, price, and image could be edited or added using a database (Django, Bootstrap, Python, SQLite)

**Natural Number Calculator** | [Github](#)

Apr. 2022 – Apr. 2022

- Produced a calculator that efficiently executes operations, and accounts for impossible and out of bounds calculations (Java, OSU components, JFrame)

## ACTIVITIES

**The OSU Cooking Club** | *Chief Marketing Officer*

Jan. 2023 – Present

- Managing the club's Instagram of 50+ followers and collaborating in developing activities for 30+ active members

**HeadStart Fellowship**

Jan. 2023 – May 2023

- Selected as a fellow from 500+ applicants to receive professional and personal development in technology

**HackOHI/O X**

Oct. 2022 – Oct. 2022

- Worked 24 hours to create a sports betting app at Ohio State's hackathon using React Native

**Other Organizations:** Society of Asian Scientists and Engineers, Engineering Society of Professional Excellence

**Other Interests:** basketball, cooking, running, hiking, concerts, skiing, disc golf, investing, ultimate frisbee