

# Joshua Mulyadi

614-804-3583 | [jmulyadi1@gmail.com](mailto:jmulyadi1@gmail.com) | [linkedin.com/in/josh-mulyadi](https://linkedin.com/in/josh-mulyadi) | [github.com/jmulyadi](https://github.com/jmulyadi)

## EDUCATION

### The Ohio State University GPA: 3.97

*Bachelor of Science in Computer Science and Engineering, Minor in German*

Columbus, OH

Aug. 2022 – Dec 2025

### Olentangy Liberty High School GPA: 4.24/4.0

*Graduated with Honors, German Honor Society, Summa Cum Laude Society*

Powell, OH

Aug. 2018 – May 2022

## EXPERIENCE

### DevOps Intern

*Flight Safety International*

May 2024 – August 2024

Columbus, Ohio

- Wrote Infrastructure as code using tools such as Ansible, Kubernetes, and Terraform
- Assisted in setting up and maintaining CI/CD pipelines
- Gained Cloud experience with Azure to deploy and manage resources

### Software II Teaching Assistant

*The Ohio State University*

Jan 2024 – May 2024

Columbus Ohio

- Graded and assisted Students in OSU's highest undergraduate-level Java Class
- Taught students the basis of object-oriented programming and best coding practices
- Worked through student's coding projects during Office hours and Lab hours

### Software Engineer and Data Science Intern

*PT Ultrajaya Milk Industry and Trading Co Tbk*

May 2023 – June 2023

Bandung, Indonesia

- Designed and programmed interactive data visualizations using Chart.js to organize product distribution data
- Pulled from an API, used a database, and data structures to analyze sales figures per distributor
- Collaborated with cross-functional teams to gather requirements and ensure accurate representation of data

## PROJECTS

### Machine Learning | *Python, NumPy, Matplotlib, Quandal, Pandas*

Sep. 2023 – Oct. 2023

- Developed algorithms used in machine learning such as Linear Regression, SVM, and K-Nearest Neighbors
- Some implementations were predicting stock prices and verifying whether a cell was malignant.

### Autonomous Robot Airport Simulation | *C++, SolidWorks, VS Code, Github*

Feb. 2023 – Apr. 2023

- Led 3 engineers in the development of an autonomous robot capable of navigating an airport
- Used SolidWorks to design 3-D CAD representation of the robot to optimize stability and maneuverability
- Programmed in C++ and utilized GitHub to work collaboratively and for documentation
- Implemented advanced robotics, hardware, and firmware, to complete tasks such as moving luggage and stamping passports.

### Social Media Clone | *React, CSS, HTML, Netlify, Axios, Node.js, Express.js, MySQL*

Dec. 2023

- Implemented a seamless user interface, allowing users to register, log in, create profiles, create posts, follow others, comment, and like posts
- Utilized React, MySQL, and APIs to learn frontend and backend development to create a Social Media Platform
- Leveraged React's component-based architecture to enhance code cross-functionally and reusability

### IOS Reminders App | *Swift, Xcode*

Nov. 2023 – Nov 2023

- Learned application development by creating a Reminders App which included an intuitive and cohesive UI/UX
- Created a database to hold and schedule notifications and had adaptable UIs for different themes

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL (Postgres/MySQL), JavaScript, TypeScript, HTML/CSS, Swift, MATLAB

**Frameworks:** React, Node.js, Express.js, JUnit, Tailwind, Excel, Microsoft Office, Sharepoint, Outlook

**Developer Tools:** Git, Eclipse, Google Cloud Platform, VS Code, Visual Studio, Xcode, Linux

**Libraries:** Pandas, NumPy, Matplotlib, Quandal, Scikit Learn, Pickle

**Interpersonal Skills:** Leadership, Time Management, Communication Skills, Detail Oriented, Teamwork, Creativity, Adaptability, Prioritization, Integrity Conflict Handling, Proactive, Project Management, Networking, Negotiation