

# Enes Yilmaz

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## EDUCATION

### The Ohio State University

Columbus, OH

Bachelor of Science in Computer Science and Engineering

GPA: 3.925 | Expected Graduation: May 2027

- Courses: Programming in Java, Data Structures, Fundamentals of Engineering, Engineering Math A
- Clubs & Activities: IEEE Club, Cyber Security Club, Software Engineering Club

The Code Path - Technical Interview Prep Student

February 2025 - April 2025

## EXPERIENCE

### Rockwell Automation

Mayfield Heights, Ohio

Rockwell Automation Pathways Program Intern

June 2024 - August 2024

- Managed and contributed to a 2,500+ line internal efficiency project using Jira's API, writing and reviewing code to extract and analyze over 120,000 team performance metrics
- Built Power BI dashboards from scratch to visualize employee task KPIs from 200+ teams for managers and stakeholders
- Programmed an automated sorting and assembly system using Studio 5000 and ladder logic for a simulated factory line

### Northeast Ohio Medical University

Rootstown, OH

Computational Research Intern

July 2023 - August 2023

- Automated data analysis of 250+ peptides by creating a Python script to process mass spectrometry outputs
- Engineered an automation pipeline to streamline data analysis for ethanol's effects on mice, processing outputs from serum, brain, and kidney data
- Analyzed 500+ protein data samples from serum, brain, and kidney tissues to study ethanol's effects on mice

### Inspirit AI

Palo Alto, CA

AI Scholar

June 2023 - July 2023

- Studied and integrated machine learning models into code alongside other ambitious students internationally
- Trained and fine-tuned machine learning models, including VGG16, on 10,000+ images to detect distracted driving
- Received personalized mentorship from a team of graduate students at Stanford, MIT, and Carnegie Mellon

### Hyland Tech Club

Westlake, OH

Team Lead

September 2022 - December 2022

- Mastered full-stack development skills, applying frontend and backend languages to real-world projects
- Managed a team of 6 to create *Be-Sound*, an app integrating Spotify's API for music discovery and social sharing
- Engineered a responsive web interface to visualize Spotify user data and generate personalized music suggestions

### Hyland Software

Westlake, OH

Youth Opportunities Unlimited (Y.O.U.) Software Engineering Intern

June 2022 - August 2022

- Constructed an interactive website that streamlined the food ordering process for employees
- Taught 50+ underprivileged students through Cleveland Urban Community Schools' Wolf Camp, delivering interactive coding lessons and fostering problem-solving skills
- Created websites using HTML, CSS, and JavaScript to enhance web development skills through practical projects

## PROJECTS

### NYC Bus Stop Safety & Collision Analysis – Northeast Big Data Innovation Hub

January 2025 - January 2025

- Analyzed 2.15 million+ traffic accidents and 3,300+ bus stops in NYC, identifying key urban safety risk factors
- Identified the 10 most dangerous bus shelter locations through spatial analysis and proximity mapping using GeoPandas
- Generated interactive Folium visualizations of collision hotspots and risk zones, enabling data-driven safety planning

### DermAI - AI-Powered Skin Analysis App

November 2024 - January 2025

- Developed a Flask web application that processes and analyzes facial images for acne detection using MediaPipe and OpenCV, achieving an average response time of under 2 seconds per image
- Optimized processing pipeline with image compression, achieving 7x faster analysis for high-resolution photos
- Implemented Facial Landmarking and Gaussian Blur with TensorFlow and OpenCV to identify and classify skin anomalies, achieving 94% classification accuracy on a test set of over 5,000 labeled images across 10 common skin conditions

### ProScan - Amazon Product Scraper [Chrome Extension](#)

June 2024 - February 2025

- Launched a Chrome extension using JavaScript and Selenium WebDriver to automate Amazon product data extraction
- Implemented XLSX integration to seamlessly convert scraped data into Excel format for easy analysis
- Reduced product data collection time by 12,500%, cutting task duration from hours to seconds
- Reached 110+ users and ranked among the top 5 Amazon product scrapers on the Chrome Web Store

## SKILLS

- **Languages:** Python, Java, JavaScript, C++, SQL
- **Frameworks & Tools:** Flask, PyTorch, OpenCV, Selenium, Pytest, Git, Docker, REST APIs, Visual Studio Code