

## EDUCATION

---

### Lawrence Technological University

**Southfield, Michigan**

*B.S. in Computer Science*

*Expected Graduation, December 2027*

- o **Concentrations:** Software Engineer / Artificial Intelligence
- o **Minor:** Mathematics
- o **GPA:** 4.0

## EXPERIENCE

---

### Lawrence Technological University

**Southfield, Michigan**

*Lead Researcher*

*Present*

- AI Music and Voice Research: Lead Researcher at LTU, focusing on AI-driven music generation, voice synthesis, and speech modeling
- Deep Learning & Sound Processing: Exploring deep learning techniques to create expressive, human-like sound and innovative AI-composed music, and contributing to research in AI-driven sound processing

#### *Technical Experience*

*Python and Full-Stack Developer*

*Present*

- Designed and deployed a personal portfolio website using Django, HTML, CSS, and JavaScript, hosted securely on an Ubuntu server with automated CI/CD pipelines for seamless updates and deployment.

## PROJECTS

---

### Robot Project

**High School**

*Team Leader*

*Sep 2022 – June 2023*

- Led a team of students in designing and building a 3D robot with autonomous capabilities using C++.
- Collaborated with team members on hardware and software integration, ensuring seamless communication between sensors and motors.

### MRI Tumor Prediction

*Personal Project*

- Developed a full-stack website that incorporates a machine learning model to detect and classify tumors using MRI scan.
- Cleaned and preprocessed MRI datasets to ensure high-quality data for model training.
- Applied advanced classification algorithms and optimized hyperparameters for better accuracy.

## CERTIFICATIONS

---

### Harvard University

**ONLINE**

*Web Programming ([Professional Certificate](#))*

### Harvard University

**ONLINE**

*Machine Learning and AI with Python ([Certificate](#))*

### Harvard University

**ONLINE**

*Python Programming ([Professional Certificate](#))*

### Harvard University

**ONLINE**

*Cybersecurity ([Professional Certificate](#))*

### Columbia University

**ONLINE**

*Corporate Finance ([Professional Certificate](#))*

## SKILLS

---

**Programming:** Python, JavaScript, C++, C, R, HTML/CSS

**Web Development:** Django, Flask, Git, CI/CD (GitHub Actions, Docker)

**Machine Learning & AI:** TensorFlow, Scikit-learn, OpenCV

**Databases:** PostgreSQL, MySQL

**Cloud & DevOps:** AWS, Ubuntu Server Management, Docker

**Robotics & Embedded Systems:** Arduino, 3D Modeling (Autodesk)