

# Faris Soliman

Durham, NC | 980-333-3245 | fasolima@ncsu.edu | [LinkedIn](#) | [GitHub](#) | [Personal Website](#)

## EDUCATION

---

NC State University, Raleigh, NC

Expected Graduation May 2026

BS in Computer Science, GPA: 4.00 / 4.00

- **Relevant Coursework:** Data Structures and Algorithms, Explore Machine Learning, Software Development Fundamentals, C and Software Tools, **CodePath** Intro to Software Engineering

## TECHNICAL SKILLS

---

- **Programming Languages (most to least experience):** Java, Python, TypeScript, JavaScript, HTML / CSS, C
- **Tools:** Django, NextJS, React, SQL, MongoDB, AWS, Docker, Figma, WebSocket, TensorFlow, Scikit-Learn
- **Interests:** Full-Stack Development, Artificial Intelligence, Machine Learning

## WORK EXPERIENCE

---

### Curriculum Associates

Remote

#### Software Engineering Co-op

Jan 2024 – Present

- Engineering software solutions designed to serve approximately 13 million elementary and middle school students in the United States
- Developing a new settings framework, shortening development time for new settings from 3 months to just a couple weeks
- Implemented a CI/CD pipeline for a settings framework, automating builds, testing, and deployment to allow company-wide accessibility to the new framework and accelerated feature releases
- Designed a guide on technical documentation best practices and standards used by over 200 developers and engineers

### North Carolina State University

Raleigh, NC

#### Undergraduate Research Assistant

May 2023 – Aug 2023

- Developed a VS Code extension to advance gender equality in Computer Science leading to increased productivity in collaborative coding sessions
- Led a team of 3 developers and conducted weekly meetings to ensure effective communication, progress tracking, and collaborative decision-making within the project
- Implemented agile methodologies to streamline the project lifecycle, from planning and development to deployment allowing for the completion of a 5-month long project in just 3 months
- Engineered machine learning models for real-time emotion detection, achieving over 90% accuracy, and offering valuable insights into users' evolving emotional states during program usage
- Utilized real-time audio and speech recognition libraries to monitor interruptions and total utterances, contributing to a more comprehensive understanding of communication dynamics between two users who are pair programming

## PROJECTS

---

### Student Database App, *Independent Project*

- Developed a database management app for Lake Norman High School replacing manual document storage systems with a digital platform
- Orchestrated the integration of the app into the school's existing infrastructure, facilitating seamless document handling for over 2,000 students

## LEADERSHIP EXPERIENCE

---

### Experimental Aircraft Association Chapter 309

Mooreville, NC

#### Private Pilot, Engineer

November 2019 – August 2022

- Recognized by [prominent news outlets](#) for notable achievements in aircraft development
- Guided and provided mentorship to a dedicated team of over 20 volunteers