

## Education

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**B.S. in Computer Engineering • *University of Cincinnati***  
• 3.8 GPA, Dean's List, Cincinnati Scholar

Graduating May 2026

## Work Experience

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**Mobile Development Intern • *The Cincinnati Insurance Companies*** May 2022 – Present

- Developed MyCincinnati mobile application using .NET, Xamarin.Forms, and C# for iOS/Android. Designed event-driven UI using remote API calls to provide tools for policyholders to manage their insurance
- Collaborated with a team using SCRUM in a remote environment using GitHub and Microsoft Teams

**Robotics Development Leader • *Lakota Robotics, FIRST Robotics Competition*** Dec 2019 – Aug 2021

- Developed Python and Java computer vision software for identifying visual targets for custom robot
- Led a team in designing a system to congregate various sensor inputs into one data stream for a central computer and self-hosted diagnostics dashboard. Built using a Raspberry Pi, Node.js, and Javascript

**Trainer • *The Cone*** Mar 2019 – Aug 2021

- Managed customer interactions, conflict resolution, and trained new team members

## Recent Projects

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**Developer • “Retro or Not?” (*Winner of Best Amazon Web Services Implementation*)** Oct 2021

- Project created with a team for the IEEE MakeUC 2021 Hackathon, a 24-hour coding competition
- Created web application to predict whether a song sounds similar to retro music using machine learning
- Wrote a Python script to pull song information from the Spotify API to run through a machine learning binary classification model trained with Amazon Web Services Sagemaker

**Developer • “InSite” (*Winner of Ohio State University Honorable Mention*)** Dec 2021

- Project created with a team for Ohio State’s 2021 HackOHIO Hackathon, a 24-hour coding competition
- Designed and built frontend website with React.js and native Mac/Windows application using Electron.js
- Developed machine learning model to identify textual misinformation using Python, Tensorflow and a Long Short-Term Memory (LSTM) model

**iOS Developer • “Carafe” iOS App** Mar 2022

- Designed and programmed a coffee ratio calculator app for iOS devices using Swift and SwiftUI
- Published app on the App Store and authored an accompanying website from scratch

## Extracurriculars & Awards

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**Apple WWDC 2022 Swift Student Challenge Winner • *Apple*** May 2022

- 1 of 350 students recognized by Apple for my project submission in the Swift Student Challenge. I submitted an iOS productivity app I developed to help me focus during finals week using Swift and SwiftUI

**Congressional Award Gold Medalist • *U.S. Congress*** Jun 2017 – May 2019

- 1500+ hours working on personal development, volunteer service, physical activity, and exploration
- 1 of 478 students recognized nationally with the highest level of the award in 2020

**Volunteer of The Year, Gold Presidential Service Award (2x) • *iSpace*** Jun 2017 – Jul 2019

- 500+ hours leading summer camps, teaching workshops, and running events that engage kids in hands-on problem solving and team-based projects exploring robotics, rocketry, programming, and more