

Madeline Eckhart

madelineeckhart.com | madelineaeckhart@gmail.com

GitHub: github.com/maddie-eckhart

Education

University of Cincinnati, Cincinnati, OH

April / 2021

Bachelor of Science, Computer Science

GPA: 3.2

Carroll High School, Dayton, Ohio

May /2016

- School Ambassador

GPA: 3.8

Experience

Giant Sparkplug LLC., Dayton, OH

Summer 2017

Mobile Application Intern

- Managed the design, coding, and production of an iOS version of an Android app
- Used Git version control to stage code and to collaborate on safe development
- Worked closely with senior engineers to improve performance and structure of the app
- Final app is used by a Fortune 500 company

Hughes High School, Cincinnati, OH

September 2016- April 2017

Volunteer Teaching Assistant

- Volunteered twice a week as a teachers' assistant in a python programming class
- Helped seniors and juniors understand the material, debug programs, and develop problem solving skills

Technical Skills

- Programming Languages: Swift, Java, MATLAB, Python, C++, HTML, Git, CSS/Bootstrap
- Environments: Xcode, Android Studio, GitHub, Visual Studio, Visual Studio Code

Leadership

ROAR Tour Guide

November 2017 – present

- Give tours of campus to prospective students and parents, answer their questions about the university, student life, and Bearcat pride.

RevolutionUC

October 2017 – present

- University of Cincinnati's student run hackathon. Worked on the logistics team and helped design and order t-shirts, plan judging and prizes, and helped run a 300+ attendant hackathon

Association of Computing Machinery

September 2016 – present

- Membership Chair

Projects

Score!

- iPhone app used to keep score in Scrabble, poker, or card games
- Simple interface makes it easy to add players, add and subtract from their score, and reorder players by increasing and decreasing order of scores
- Developed in Xcode using Swift 4

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- Personal website to show experience, projects, and involvement
- Currently developing in HTML and Bootstrap

Poker Assistant

- iPhone app used when playing poker to provide different hand probabilities based on initial cards
- Currently developing in Xcode using Swift 4

Availability

Available for co-op beginning Summer 2018