

# Madeline Eckhart

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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

**May – June 2018**

*Independent Consultant*

- Designed the user interface of an existing iOS app to fit the aesthetic of the app's purpose
- Collaborated with the creator to improve the controls and user experience
- Provided new and innovative designs that maximize the user's enjoyment and usage of the app

**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*

- Helped seniors and juniors understand the material, debug programs, and develop problem solving skills in a python programming class

## 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 - Secretary**

**September 2016 – present**

## Projects

**Bored Games**

- iOS app with games for waiting in lines, breaking the ice, or filling the time with friends
- Includes in-app games with question prompts, random letter generators, and options to play games based on age group.

**Score!**

- iOS score-keeping app used to keep score in Scrabble, poker, or card games

**www.madelineeckhart.com**

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