

> Madeline Eckhart

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www.madelineeckhart.com

[GitHub: maddie-eckhart](https://github.com/maddie-eckhart)

Technical Skills

Skilled: Swift, C++, UIKit, CoreData,
Xcode, Xcode debugging

Knowledgeable: Objective-C, Git,
Python, InVision

Areas of Focus: Core Bluetooth, ARKit,
UX Design

Education

University of Cincinnati May 2021

BS in Computer Science

Minor in Communications

Leadership

RevolutionUC Oct. 2017 – present

- University of Cincinnati's student run hackathon of +350 attendees
- Marketing and Branding Lead. Previously led Hacker Experience with a goal to increase hacker enjoyment and visual engagement at the event

Association for Computing Machinery Sept. 2016 – present

- 2019-20 Vice President
- Lectured on topics such as iOS development and UX/UI design
- Served as the ACM Ambassador when attending meetings from other tech clubs on campus

UC Tour Guide Nov. 2017 – present

- Delegate tasks to other tour guides during the tour time
- Give tours around campus to prospective students and parents

UC Mortar Board Feb. 2020 – present

- UC Honors Society for impactful leaders on campus

Experience

Giant Sparkplug LLC.

Independent Consultant

Mar. 2019 – Present

- Fully developed an app for disabled users designed to control a Bluetooth device used to drain a wheelchair-bound person's urine collection leg
- Provides the means to control a solenoid valve contained within the device to enable the person to empty the leg-bag
- "MT-IT" has been in the App Store since Sept. 2020

Independent Consultant

May – Jun. 2018

- Led the visual design of a companion app to a board game as a UX consultant
- Designed the user interface that acts as a virtual fourth player for the board game *Lisboa*

Mobile Application Intern

May – Aug. 2017

- Ported an Android app to iOS and established the development process as part of a small team

Kroger Digital

May – Aug. 2020

Mobile Development Intern

Jan. – Aug. 2019

- Worked on the Native App Platform team while developing features for the Kroger app, which impacts around 7.4 million customers a month
- Delivered features for the Kroger app directly to customers within 2 weeks of code completion
- Fully developed a post-order widget that displays after a customer makes a pickup, delivery, or ship order. Widget provides real time updates of the order and can handle multiple orders and order types
- Developed full features for a new in-store app experience including the more menu and button xibs

Ulta Beauty

Jun. – Aug. 2018

Mobile Development Intern

- Worked on projects for guest mobility, enterprise mobility, and digital innovation while completing a larger AR project for the company
- Developed an interactive AR app that demonstrates the potential of AR to a retailer and their mobile shopping experience
- Worked extensively with ARKit to develop a custom environment for a 3D model of a product to be placed and manipulated by the user
- Implemented an automated build script feature that pushed a final build directly to the Google Play store instead of going through a third party