

# Emily Koagedal

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I am a current junior majoring in data science and minoring in computer science at UC Berkeley. I am looking for an internship that will push me in my programming skills and teach me professional and practical skills, all while in an innovative and challenging environment filled with inspiring individuals.

## EDUCATION

**University of California, Berkeley** - *Data Science Major and Computer Science Minor, GPA: 3.2* **Berkeley, CA**

Relevant Coursework: Intro to Computer Science, Data Structures, Discrete Math and Probability, Linear Algebra, Differential Equations August 2016-Present

**HackNY Fellowship** - *BuzzFeed Software Engineer Intern* **New York, NY**

An intensive fellowship designed to introduce students to NYC's tech ecosystem by pairing them with NYC's top startups, contributing to social good projects for NYC nonprofits, and partaking in a curated speaker series of NYC's best technical minds May-August 2018

**iXperience** - *iOS Development Class and M4JAm iOS intern* **Cape Town, South Africa**

A very selective study abroad program that immerses students in an accelerated coding class and hands-on professional internship. May-July 2017

**Girls Who Code, Inc.** - *Alumni and Club Ambassador* **Twitter HQ, San Francisco CA**

Maintain connections and plan tech meetups between classmates from Summer Immersion Program and recruit for GWC clubs June 2015-July 2016

## SKILLS

### PROGRAMMING LANGUAGES

*Python, Swift, Java, SQL, Scheme*

### Tools, API's, and Other

*XCode, Interface Builder, Firebase API, Realm API, APNS, GCM, Photoshop*

## PROFESSIONAL AND RELEVANT EXPERIENCE

**BuzzFeed** **New York, NY**

*Software Engineer Intern* - The leading independent digital media company delivering news and entertainment globally May-August 2018

- Worked with the Pulitzer Prize winning BuzzFeed News team performing back end development on the new BuzzFeed News website. Implemented a new micro-service scheduler that automates the updates of the current articles associated with the trending tags on the homepage as well as a slack bot integration

**M4JAM** **Cape Town, South Africa**

*iOS Developer* - A micro-jobbing and micro-module learning platform that empowers the under and unemployed people of South Africa. July 2017

- Worked with the CTO and Co-Founder to design/develop the iOS app from scratch based off of the android app. Implemented a WKWebView and took care of JavaScript handling. Implemented location tracking, push notifications, and image uploads while keeping in mind the user flow of the app for an iPhone user.

**ChimeHack2** **Twitter HQ, San Francisco**

*Hacker* - A 48 hour Hackathon that brings tech innovators together to support gender equity, specifically on the topic of safety for women. July, 2015

- Prototyped an app called ChimeIn, which served as a safe platform for young women in college to share their stories of sexual assault and connect with professional and anonymous NGO representatives. Developed the main feed for anonymous posts and designed the logo and UX keeping the user flow in mind.

## PROJECTS

**Usdan Summer Camp for the Arts Data Science Project** **New York, NY, 2018**

Predicted enrollment trends for Usdan Summer Camp for the Arts using enrollment numbers from data ranging from 2009-2018. Created a UI where people can select criteria and pull up relevant data as well as a visualization to demonstrate key findings to the Usdan executive board

**Gitlet** **Berkeley, CA, 2017**

Using Java, programmed my own version-control system that mimics features of the popular system Git. This program saves contents of entire directories of files, restores older versions of multiple files, views the history of backups, maintains related sequences of commits, and merges changes made in branches.

**Convo** **Cape Town, South Africa, 2017**

Developed and prototyped an iOS application and Apple Watch app that prompts the user with conversation starters to get you out of awkward situations using Swift, Watchkit Extension, and Firebase API. Designed the logo and UI/UX keeping in mind the flow from iPhone app to Apple Watch app.

## STUDENT ORGANIZATIONS/VOLUNTEERING

**Design for America (DFA)** **Berkeley, CA**

*Club Leader and Head of Executive Team, Team Leader on Food Injustice Team* September 2016 - Present

An interdisciplinary design club that works in teams to address challenges within our local communities by following the human centered design process.

- Designed, created, and prototyped a DeCal (student run class) on our topic of tech literacy for Senior Citizens in the Bay Area and Cal Community.

**DeCal Program** **Berkeley, CA**

*Student Facilitator* September 2016 - Present

DeCal is a student-run education program at UC Berkeley where students create and facilitate their own classes on subjects they are passionate about.

- Designed a curriculum, applied for funding, acquired a faculty advisor and guest speakers, and facilitated weekly classes on the subject of tech literacy for Senior Citizens and led tutoring at J-Sei Senior Center every Saturday.

## INTEREST

Photography, Baking, Board Games (Catan), Yoga, Dance, Golf