

# KIMBERLY HA

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## EDUCATION

### Colby College

B.A. in Computer Science with Physics Minor  
GPA 3.46/4.00

**Waterville, ME**

December 2018

## EXPERIENCE

### Gfycat

**Palo Alto, CA**

Software Engineering Intern

January – August 2018

- Built top most requested features like animated gif stickers for GIF Brewery (MacOS application for editing gifs) using Objective-C and MVC design pattern.
- Developed multimedia stitching feature using AVFoundation, AVKit, and AppKit, which empowered users to create highly customizable gifs.
- Parsed image data from public APIs using Python for machine learning facial recognition models, which tagged gifs with celebrities and made 2+ million gifs more searchable.

### Adaptive Insights

**Palo Alto, CA**

Software Engineering Intern

June – August 2017

- Implemented XML diff algorithm using Python and Bash to remove irrelevant diffs for the quality assurance team and significantly decreased time examining XML files.
- Redesigned and implemented UI/UX of a web application using Java, JavaScript, Gradle, and Spring Framework to enable efficient querying and simplified viewing of diffs.

### Department of Computer Science, Colby College

**Waterville, ME**

Teaching Assistant

September 2015 – November 2016

- Provided feedback on weekly projects for Introduction to Computational Thinking course using written reports and evaluations.
- Graded weekly homework assignments and quizzes for a class of forty students.

## Projects

### Colby Transportation App

**August 2018**

- Navigation app for iOS that allows users to find their way around my college campus.
- Built system to retrieve upcoming bus times using Swift and SwiftyJSON.
- Designed and implemented UI/UX using standard Apple library frameworks.

## AWARDS

### 2019 Rewriting the Code Fellowship

*Rewriting the Code Nonprofit Organization*

### 2018 WECODE Conference Scholarship

*WECODE Committee and Harvard University*

### 2018 F8 Conference Scholarship

*Facebook and Lean-In Organization*

### 2015 Blackstone Accelerates Growth Fellowship

*Blackstone Accelerates Growth Group*

## PROGRAMMING LANGUAGES & CONFERENCES

**Languages:** C/C++, Python, Swift, Objective-C, JavaScript, HTML/ CSS, and Java

**Coursework:** Data Structures and Algorithms, Mobile Application Development for iOS, Computer Graphics, Programming Languages, Data Analysis and Visualization, and Computer Game Design

**Conferences:** 2019 Google I/O Extended, 2018 F8 Facebook Developer Conference, 2018 WECODE Conference, 2017 Lean-In for Silicon Valley Interns, and 2015 Grace Hopper Conference