KIMBERLY HA

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EDUCATION

Colby College   **Waterville, ME**

B.A. in Computer Science with Physics Minor   December 2018

GPA 3.46/4.00

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	**2018 WECode Conference Scholarship**
Rewriting the Code Nonprofit Organization	*WECode Committee and Harvard University*
2018 F8 Conference Scholarship	**2015 Blackstone Accelerates Growth Fellowship**
Facebook and Lean-In Organization	*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 MongoDB World, 2018 F8 Facebook Developer Conference, 2018 WECode Conference, 2017 Lean-In for Silicon Valley Interns, and 2015 Grace Hopper Conference