

KIMBERLY HA

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EDUCATION

Colby College

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

Waterville, ME

January 2019

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

SKILLS & 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