

# KIMBERLY HA

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**Website:** [Kimberlytangha.github.io](https://kimberlytangha.github.io) | **GitHub & LinkedIn:** Kimberlytangha

## TECHNICAL SKILLS

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**Programming Languages:** Golang, JavaScript/ TypeScript/ SCSS, SQL, Python, C/C++

**Cloud Computing Services & Tools:** AWS (CloudWatch, CloudFormation, DynamoDB, EC2, ECS, IAM, S3, SQS, and VPC), Terraform

## EXPERIENCE

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### **Twitch**

**San Francisco, CA**

Software Engineer

October 2019 – Present

- Currently I work on the Notifications Team at Twitch and build out our backend systems that send notifications to millions of users daily.

### **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.

## AWARDS

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### **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*

## EDUCATION

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### **Colby College**

B.A. in Computer Science with Physics Minor

**Waterville, ME**

January 2019