

Katherine Lazar

katherinelazar@college.harvard.edu 830 Regent Court, San Carlos CA (650)208-6029

EDUCATION

Harvard University

Cambridge, MA

A.B. in Computer Science, Secondary in Music anticipated, May 2021

EXPERIENCE

Facebook

Seattle, WA

Software Engineering Intern

Jun-Aug 2019 & 2018

Worked with the Video Integrity team to detect and categorize anomalous and potentially dangerous videos on Facebook using PHP, Python, and Hive. Also enabled page-level enqueueing to live reviewers, a feature that is useful for when pages violate FB's community guidelines. In 2018, designed and developed an Android app that streamlines the college application process for first-generation students.

DEV by Harvard Student Agencies

Sept 2017- April 2018

Front End Software Engineer

Joined a paid web and app development agency run by Harvard students to build software projects for Boston's startup scene. Project redesigning the DEV website helped DEV bring in >100K in revenue in 2018.

Stanford Digital Media Academy

Jun-Aug 2017

Teaching Assistant

Taught classes in Java, Python, electrical engineering, iOS app development with Swift, virtual reality, and game coding with C# to teens aged 13-17.

Uprise

Sydney, Australia

Engineering Intern

Feb-Apr 2017

Worked at a startup to develop a mobile app offering mental health services to large companies. Oversaw cohorts of clients and analyzed user data.

VillageTech Solutions

Menlo Park, CA

Software Engineering Intern

Jun-Aug 2015

Designed user interface for Looma, a portable projection system used in village schools in developing countries; coded in Javascript, HTML, and CSS.

ACTIVITIES

Course Assistant, CS50: Introduction to Computer Science

Sept-Dec 2018

Teaching students in office hours and grading assignments for Harvard's largest CS class.

Harvard Choral Fellow

Aug 2017- present

Performing in Harvard's only professional-level choral ensemble. Choral Fellows are a paid 16-member ensemble performing at the highest level in daily services and concerts in Memorial Church.

Assistant Conductor, Tactus Ensemble

Sept 2017-Sept 2018

Cambridge-based 20-member vocal group specializing in Medieval and Renaissance music.

President, Children's International Summer Village (CISV) Junior Branch

2015 - 2016

Led San Francisco chapter of international non-profit for global awareness and conflict resolution. Planned and led camps for 50+ youth in San Francisco and Denver.

OTHER SKILLS AND INTERESTS

- o Choir manager and ensemble member in Harvard College Opera productions of *Die Fledermaus* and *Cendrillon*
- o Surfer - took part in 3-month surfing intensive while living in Bundoran, Ireland
- o Classical composer using Sibelius
- o Tableau and D3 - published an article and Tableau data visualization in the Harvard Political Review in 2018 on US gun violence
- o Artist - sold paintings for up to \$250 online