

# Mai Ho

aspiring software engineer

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## Education

### Harvey Mudd College

Claremont, CA

Sep 2012 - May 2016 (Expected)

B.S. Joint Computer Science & Mathematics

*Cumulative GPA:* 3.64

*Major GPA:* 3.70

*Relevant coursework:* Data structures, algorithms, software development (Android), artificial intelligence, natural language processing, machine learning

## Skills

### Programming Languages Tools & Applications

*Python*, C++, C, Java, HTML, CSS, Scala, Haskell, Php  
Git, Github, Subversion, Mercurial, Android development, Adobe Photoshop

## Projects

### Chirps

Fall 2014

CS121 Project

Chirps is an Android application for announcing campus-wide events at the Claremont Colleges. Events are moderated by a campus admin through an admin dashboard. Developed as part of a project for HMC's software development class with two other developers.

*Github:* <https://github.com/ghostling/Chirps>

### Upspire

Summer 2015

Dropbox Summer Hack Day

Upspire is a web application that crowd sources content such as quotes, images, and videos to uplift a user's mood, using technologies such as Meteor.js, MongoDB, HTML, CSS, and Javascript. Won the "WE NOT I" award.

*Github:* <https://github.com/terfan/bobaroos>

## Work Experience

### Facebook

Software Engineering Intern

June 2015 - August 2015

Interned on the Search Infrastructure Automation team. Developed a new continuous testing scheduler model for the Search team, making it more scalable and efficient.

*Technologies:* Python, Thrift, MySQL

### Google

Engineering Practicum Intern

June 2014 - August 2014

Interned on the Flights Availability Engineering Productivity team. Developed an internal tool to automate the process of gathering seat availability queries from multiple sources, sampling them according to a fairness metric, and converting them to Google internal formats.

*Technologies:* Python, protocol buffers

## Leadership & Extracurricular Activities

### ACM-W

Chair (2015-2016)

Vice-Chair (2014-2015)

Lead officers in planning events to increase awareness of women in technology issues, create a welcoming environment for women in CS, and help people develop their technical and professional skills.

### APISPAM

Asian Pacific Islander

Sponsor Program at Mudd

Head Mentor (2014-2015)

Lead a team of 20 mentors in mentoring first-year students that identify as Asian Pacific Islander, aiming to provide support for and increase awareness of API issues.