

# CAROLINE HO

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## EDUCATION

**Stanford University** - *B.S. Symbolic Systems (Artificial Intelligence), GPA: 3.970*

SEPTEMBER 2015 - JUNE 2019

- Coursework: Artificial Intelligence • Logic & Automated Reasoning • Programming Abstractions (Data Structures & Algorithms) • Mathematical Foundations of Computing • Computer Organization & Systems • Probability for CS
- Planned Coursework: From Languages to Information (Natural Language Processing) • Convolutional Neural Networks for Visual Recognition

## EXPERIENCE

**Virtual Human Interaction Lab** - *Virtual Reality Developer*

SEPTEMBER 2017 - PRESENT

- Designing and implementing virtual worlds in Vizard and Unity using Python and C#

**Google** - *Engineering Practicum Intern*

JUNE 2017 - SEPTEMBER 2017

- Developed the most requested feature for the new Google Earth end-to-end on web and iOS
  - Technologies used: C++, JavaScript (Polymer framework), and Objective-C

## ORGANIZATIONS

**Stanford Women in Computer Science** - *HackOverflow Co-Chair (Former HackOverflow Organizer)*

JANUARY 2017 - PRESENT

- Currently leading organizing efforts for HackOverflow, Stanford WiCS' annual hackathon
- Developed Android and web development starter code kits for beginner programmers

**Girls Teaching Girls to Code** - *Executive Lead (Former Outreach Team Member, Webmaster, Mentor)*

FEBRUARY 2016 - PRESENT

- Currently leading organizing efforts for various programs teaching 200+ high school girls to code
- Launched and coordinated hackathon series organized by high school liaisons
- Taught series of weekly computer science workshops for girls at a local underserved middle school

## FEATURED PROJECT

**Safecity Android App** - *CS 50: Using Tech for Good*

SEPTEMBER 2016 - DECEMBER 2016

- Developed app for reporting sexual assault in partnership with the Indian nonprofit Safecity

## SKILLS

- Proficiency in Java, C++, C • Experience with Python, JavaScript (+ HTML & CSS), Objective-C, R, C#
- Experience with web, Android, and iOS development