

# CINDY HOANG

[cindynhoang@gmail.com](mailto:cindynhoang@gmail.com) • (916) 477-0372 • <http://cindyhoang.net/>

## EDUCATION

### University of California, Davis

Computer Science, B.S.

June 2019

## EXPERIENCE

### Twitter

September 2019 – October 2022

#### *Software Engineer I – II*

- Utilized MVI architecture for Lists Detail page, integrated card UI inside of a Tweet when sharing a Lists link
- Added user-facing Topics features such as Topic Context, follow prompts, and relevance prompts
- Implemented API to display animated Spaces/Fleets rings around user avatars from HTTP endpoint
- Helped refactor the app's major Android infrastructure Unified Rich Timelines to improve developer experience for feature teams

### Twitter

June 2018 – September 2018

#### *Software Engineering Intern – Android*

- Developed and experimented a redesign of horizontal carousel tiles to display events and sports score
- Added support for grouping Tweets into modules containing the same link or Quoted Tweet, implemented debug settings to inject mock JSON responses into the timeline to test visible UI features

### Twitter

May 2017 – September 2017

#### *Software Engineering Intern – Android*

- Integrated features and experiments into the Android client's main infrastructure on the Home Timelines team
- Launched a successful project that received an overwhelmingly positive response from Twitter Japan users for reordering the Likes timeline in profiles based on most recently liked
- Prototyped new components and organized an engineering roadmap to transform Twitter into a location-oriented platform

### Twitter

May 2016 – August 2016

#### *#TwitterAcademy Engineering Intern – Android*

- Joined the Tweets team to contribute improvements for the Android client through engineering and bug fixes
- Led an intern team during company Hack Week for a project to undo their Tweets within a short time frame after posting
- Enhanced the experience of conversations on the platform by updating the appearance of the reply icon

### University of California, Davis – Genome Center

September 2013 – August 2014

#### *Programming Intern – Dmitry Grapov*

- Programmed data visualizing dynamic graphs, motion charts, and histograms combining R, JavaScript, and HTML
- Integrated JavaScript timers to demonstrate data rendering and download functions flexible to user specifications

## PROJECTS

### University of California, Berkeley – CalHacks 3.0

November 2016

#### *Travelette – Finding Your Next Trip*

- Designed and developed a responsive web application for calculating personalized spontaneous trips by integrating JavaScript, HTML5, CSS3, and Semantic UI
- Constructed animations to balance distinct product elements and handle user workflow for the front-end

### Stanford University – TreeHacks

February 2016

#### *Micro Expressions and Emotions*

- Collaborated with lecturer and team from Stanford's design program in the Mechanical Engineering department to improve ability to interpret micro expressions in C++ program using OpenCV
- Detailed lines and features in images of faces through applying Gaussian blur, pixel inversions, and Sobel derivatives

## SKILLS

**Languages:** Java, Kotlin, C++, JavaScript, HTML, CSS, Python, C, R, Arduino C