

CINDY HOANG

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EDUCATION

University of California, Davis

Computer Science, B.S.

June 2019

EXPERIENCE

Twitter

September 2019 – November 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