CINDY HOANG

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EDUCATION

University of California, Davis   September 2017 – June 2019 (Expected)
- Major: Computer Science, B.S.

University of California, Merced   August 2015 – May 2017

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

EXPERIENCE

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
- Prototyped new components and organized an engineering roadmap to transform Twitter into a location-oriented platform

University of California, Merced – Police Department   October 2015 – May 2017
Community Service Officer – Web Assistant and Developer
- Implemented JavaScript, HTML, and CSS within Drupal to manage multiple department websites
- Redesigned formatting of layouts and created graphics to enhance user interface

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 to create a patch of the product in Android that would allow users to undo and modify their Tweets
- 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

AFFILIATIONS

Society of Women Engineers   September 2015 – Present

President and Club Ambassador – Coding Club & Girls Who Code   August 2013 – May 2015
- Created and taught curriculum to students in Scratch and Javascript by introducing various projects and challenges

SKILLS

Languages: Java, C++, JavaScript, HTML, CSS, Python, C, R, Arduino C
Software/IDEs: Android Studio, Eclipse, Photoshop, Illustrator, Visual Basic, AutoCAD, SolidWorks, LabVIEW

AWARDS AND HONORS

- **Northern California Affiliate Award**, *Regional Award for Aspirations in Computing*, National Center for Women & Information Technology (2014)