

CINDY HOANG

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EDUCATION

University of California, Merced

August 2015 – December 2018 (Expected)

- Major: Computer Science and Engineering, B.S.

PROJECTS

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, RBV thresholds, and Sobel derivatives

EXPERIENCE

Twitter

May 2016 – August 2016

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
- Engaged on a project for enhancing the experience of conversations on the platform by updating the appearance of the reply icon

University of California, Merced – Police Department

October 2015 – Present

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

I Am That Girl

October 2014 – January 2015

Web Development and Design Intern

- Designed new features and content to improve user experience on website and email newsletter
- Solved visual and technical issues throughout site by interlacing JavaScript, HTML, CSS and Liquid

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

Association for Computing Machinery

September 2015 – Present

Society of Women Engineers

September 2015 – Present

Technology and Social Media Director – Soul Purpose Dance Company

May 2014 – May 2015

- Developed website and graphics for social media, managed communications across different platforms

Webmaster – Key Club

May 2014 – May 2015

- Administrated and designed the website, worked with other officers to serve the club and community

President and Club Ambassador – Coding Club & Girls Who Code

August 2013 – May 2015

- Created and taught curriculum to students in Scratch and Javascript, introduced projects and challenges within material

SKILLS

Languages: Java, C++, JavaScript, Python, HTML, CSS, 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)