

Esther Jun Kim

drejkim.com

SUMMARY

I build products. I also discover user needs, test with users early and often, and make informed design decisions from user data. I also create open source demos and hacks—they have garnered over 30,000 views on YouTube and 300 stars on GitHub.

EXPERIENCE

Senior UX Engineer, Intel

Santa Clara, CA — Oct 2013 - Present

Creating experiences, conducting user research, and shipping products in the New Technology Group. Product influences include Edison, RealSense™, and Fossil Q.

Senior UX Engineer, Samsung Research America

San Jose, CA — Jun 2011 - Oct 2013

Researched and designed next generation user experiences for Samsung products and services. Developed (and occasionally led) the UX analytics project for a multi-platform Samsung application.

Graduate Technical Intern, Intel

Hillsboro, OR — May 2009 - Dec 2009

Developed a test automation framework in C# and Perl to assess the media capabilities of Larrabee, Intel's GPGPU chip. Examined the usability of gesture interactions with laptop-mounted projector displays.

Electrical Engineer, Johns Hopkins Applied Physics Lab

Laurel, MD — Jun 2004 - May 2007

Evaluated the infrared discrimination capabilities of Standard Missile-3 by processing and analyzing large-scale simulated telemetry and sensor data using Matlab and C++.

EDUCATION

Purdue University — PhD, 2011
Industrial Engineering (Human Factors)

Cornell University — MEng, 2004
Electrical & Computer Engineering

Cornell University — BS, 2003
Electrical & Computer Engineering

SKILLS

SW & HW Development

Languages: Python, Java

Web: HTML, CSS, JavaScript, Bootstrap, AngularJS, Node.js, Jekyll

Mobile: Android, iOS (Swift)

Hardware: Edison, Arduino

UX Research

Usability testing, concept testing, surveys, UX analytics

Data Science

Information visualization, statistics, machine learning, R, Matlab, Octave

EXTRAS

3 patents filed

2 journal publications