

# Esther Jun Kim

[drejkim.com](http://drejkim.com)

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## SUMMARY

I build products and proof-of-concept experiences. I also discover user needs, test with users early and often, and make informed design decisions from user data. I also create demos and hacks professionally and personally—they have garnered over 30,000 views on YouTube and nearly 300 stars on GitHub.

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## EXPERIENCE

### *Senior UX Engineer, Intel*

Santa Clara, CA — Oct 2013 - Present

Designing 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++.

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## EDUCATION

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

Cornell University — MEng, 2004  
Electrical & Computer Engineering

Cornell University — BS, 2003  
Electrical & Computer Engineering

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## 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

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## EXTRAS

3 patents filed

2 journal publications