

# HAIN-LEE HSUEH

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## OBJECTIVE

To obtain knowledge and practice of human-centered design principles, combine them with continued technical development, and apply both with the aim of leveraging technology to make a meaningful and social impact.

## EDUCATION

STANFORD UNIVERSITY SCHOOL OF EDUCATION, CLASS OF 2012

M.A. candidate in **Learning, Design, and Technology**

CORNELL UNIVERSITY COLLEGE OF ENGINEERING, CLASS OF 2009

B.S. in **Electrical and Computer Engineering**, Minor in **Computer Science**

Cumulative GPA: 3.98, Magna Cum Laude

## COURSES

Java and Data Structures

Computer Organization

Software Engineering

Artificial Intelligence

Designing with Microcontrollers

Operating Systems

*More details on courses taken and course projects can be found on [site.leehsueh.com](http://site.leehsueh.com).*

## SKILLS

Unix, Java, C/C++, Python/Django, PHP, HTML/CSS, Javascript/jQuery, SQL

## WORK EXPERIENCE

APPLICATIONS ENGINEER AT ORACLE, 2009-2011

Worked on the Oracle Fusion Advanced Benefits application, which is part of a global enterprise software suite. Was also critical in early development of the Global Absence Management application.

SOFTWARE ENGINEER INTERN AT CISCO SYSTEMS, SUMMER 2007

Learned basic networking concepts and technologies, and developed internal software contributing to a unified configuration tool for routers.

## OTHER EXPERIENCE

WEB PROGRAMMING AND DEVELOPMENT

Developed web applications. Samples: [tjcbdb.info/tidbits](http://tjcbdb.info/tidbits), [tjcbdb.info/ntgreek](http://tjcbdb.info/ntgreek), and [site.leehsueh.com](http://site.leehsueh.com).

MICROCONTROLLERS

Experience using the AVR and Arduino platform. Projects include a digital receipts system, a Pong game using flex sensors, and voice-activated LED's with a speech recognition chip.

IPHONE APPLICATION DEVELOPMENT

Worked with a group to develop a Cornell University campus map application for a software engineering course.