

# Charlton Y. Soesanto

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**School:** P.O. Box 12917  
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Santa Monica, CA 90402

## Education

### Stanford University, *Stanford, California*

M.S. Candidate in Computer Science, focus in Human-Computer Interaction.

Expected Graduation: June 2012. Coursework includes design, information network analysis, computer systems and networks, web security, and artificial intelligence.

SEPTEMBER 2010  
- PRESENT

B.S. in Science, Technology, & Society, focus in Computer Science.

Class of 2011 Award of Excellence recipient for exceptional leadership, involvement, and spirit.

SEPTEMBER 2007  
- JUNE 2011

### Stanford Bing Overseas Studies Program in Berlin, *Berlin, Germany*

Interned at the Senate Department in the Traffic Division, preparing for the World

Championship in Athletics 2009. Surveyed traffic, and conducted interviews with travelers to and from the events. Studied German language, culture, and the environmentalist movement.

MARCH 2009  
- AUGUST 2009

## Work Experience

### Camp Counselor, STANFORD ALUMNI SIERRA PROGRAMS, *South Lake Tahoe, California*

Developed, created, tested, and executed engaging educational programs for 11 and 12 year olds with 4 co-counselors in a high-energy, creative environment. Led weekly hikes, tours of the constellations, and served over 300 guests during meals.

JUNE 2011  
- AUGUST 2011

### Section Leader, STANFORD DEPARTMENT OF COMPUTER SCIENCE, *Stanford, California*

Led a section of 11 undergraduates in the intro CS course, Programming Methodologies. Duties included grading assignments, debugging code, and teaching a weekly hour-long section.

SEPTEMBER 2010  
- JUNE 2011

### Program Manager Intern, MICROSOFT CORPORATION, *Redmond, Washington*

Worked on the Office Mobile Shared Services team on an enterprise social networking app for a mobile productivity suite. Collaborated with software developers, testers, designers, and researchers to design a feature for one of the mobile applications.

JUNE 2010  
- AUGUST 2010

## Leadership Experience

### Resident Assistant, STANFORD RESIDENTIAL EDUCATION, *Stanford, California*

Serves as leader, role model, and mentor over two years for 88 first year students and now 34 upperclassmen. Creates a safe and open environment for the residents. Resolves conflicts and encourages extracurricular learning by organizing academic and personal programs and retreats.

SEPTEMBER 2010  
- PRESENT

### Restaurant Coordinator, A TASTE OF PALO ALTO, *Stanford, California*

Coordinated and organized a charity event, "A Taste of Palo Alto," by working with businesses and Stanford student government to raise over \$4000 in 4 hours, 100% of which went to charity. Complied with Santa Clara County Health Department safety standards.

DECEMBER 2010  
- MAY 2011

## Projects

Stanford Hack-a-thon: changes to a charity website's donation processing in PHP on CodeIgniter framework.

Behavior Design Pilot: ran SMS-based pilot encouraged 7 of 11 participants to spend more time outside.

Coauthor of "Towards Stress-less User Interfaces: 10 Heuristics Based on the Psychophysiology of Stress."

**Skills:** Java, C++, C, JavaScript, Unix shell, HTML, CSS, Ruby on Rails, Python, MySQL, SQLite, XML, XSD, DTD, XPath, XQuery, and XSLT.

Proficient in German (reading, writing, speaking), Mandarin Chinese (reading), and Indonesian (speaking).

**Extracurricular:** Phi Kappa Psi Fraternity Grievance Committee Chair and Kitchen Manager, Stanford Calming Technology Lab member.

**Personal:** Interested in Latin poetry, running, and sustainable food.