

Rachel HWANG

rah1@uchicago.edu • 1325 17th Ave, San Francisco, CA, USA • (415) 515-6176

WORK EXPERIENCE

<i>Current</i> SUMMER 2013	Student Programmer at COMPUTATION INSTITUTE, Chicago Developed software tools for analyzing and plotting energy usage data and Chicago movement data, instructed students in basic Python.
<i>Current</i> FALL 2011-	Research Assistant at CHICAGO LANGUAGE MODELING LAB, Chicago Wrote scripts to streamline data acquisition, maintained American Sign Language fingerspelling database and annotation website, annotated speech clips for analysis, coded experiment setups.
<i>Current</i> SUMMER 2013	Game Mentor at GAME CHANGER CHICAGO, Chicago Facilitated gameplay and mentored high school students for the duration of five-week educational alternate reality game.
JAN-MAY 2013	Programming and Robotics Teacher at PYBOT, NEIGHBORHOOD SCHOOLS PROGRAM, Chicago Taught middle school students programming fundamentals in Python and Arduino, designed lesson plans and exercises.
SUMMER 2011	Operations Rotation Development Program Intern at GENENTECH, South San Francisco Assessed and optimized documentation procedures in the Purification Plant.

EDUCATION

2010-2014	The University of Chicago , Chicago Undergraduate in COMPUTER SCIENCE and LINGUISTICS Advisor: Jason Riggle
SUMMER 2012	The University of Chicago Center in Beijing , Beijing Mandarin Summer Language Program
2006-2010	Lowell High School (public magnet), San Francisco THE LOWELL newspaper Editor-in-Chief

SCHOLARSHIPS AND ACHIEVMENTS

2010-2014	University of Chicago Merit Scholarship (\$40,000)
2010-2013	University of Chicago Dean's List 2010-2013
SUMMER 2012	University of Chicago Foreign Language Acquisition Grant (\$3,000)

OTHER EXPERIENCE

FALL 2012-	Judge for THE UNIVERSITY OF CHICAGO SCAVENGER HUNT Designed and organized the world's largest scavenger hunt.
JAN-MAY 2011	Layout Editor at THE CHICAGO MAROON Designed and edited page layout for a student-run publication.
JAN-MAY 2011	Creative Writing Tutor for SOUTH SIDE SCRIBBLERS Designed and edited page layout for a student publication.

SKILLS AND TOOLS

TECHNICAL	C, Python, PHP, MySQL, HTML, Linux/UNIX, Praat, Arduino, L ^A T _E X, git
DESIGN	Adobe Photoshop, Adobe InDesign
LANGUAGES	English, Mandarin (intermediate), Spanish (intermediate)