Rachel HWANG

rah1@uchicago.edu • 4813 Walton Ave, Apt. 1, Philadelphia, PA, 19143 • (415) 515-6176

WORK EXPERIENCE

SUMMER 2014	**Software Engineering Intern at GOOGLE, Mountain View** Developed software for the Chrome & Apps team. Created personalized suggestions based on past user behavior and investigated suggestion scoring and ranking for an autocomplete service.
SUMMER - FALL 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.
FALL 2011 - FALL 2013	**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.
WINTER 2013 - SPRING 2014	**Programming & Robotics Instructor 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 Bachelor of Science in COMPUTER SCIENCE (Honors) Minor in CREATIVE WRITING
SUMMER 2012	**The University of Chicago Center in Beijing**, Beijing Mandarin Summer Language Program

SCHOLARSHIPS AND ACHIEVMENTS

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

OTHER EXPERIENCE

SUMMER 2013	**Mentor at GAME CHANGER CHICAGO, Chicago** Facilitated gameplay and mentored high school students for the duration of five-week educational alternate reality game.
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** Instructed Middle school students in creative writing fundamentals.

SKILLS AND TOOLS

PROGRAMMING	C, Python, Java, mySQL, git, Linux/UNIX, Praat, Arduino
DESIGN	Adobe Photoshop, Adobe InDesign, LaTeX
LANGUAGES	English, Mandarin (intermediate), Spanish (intermediate)