Zongyi Wang

#307 No.1005 College Ct., Urbana, IL | 217-979-0952 | zwang195@illinois.edu

EDUCATION

University of Illinois at Urbana-Champaign
Bachelor of Science, Computer Science

May 2019
GPA: 4.0/4.0

Courses taken/taking in major:
CS 125 (Fall 2015) – Intro to Computer Science
CS 173 (Spring 2016) – Discrete Structures
CS 225 (Spring 2016) – Data Structure
CS 233 (Fall 2016) – Computer Architecture
CS 241 (Fall 2016) – System Programming

Shanghai Foreign Language School, Shanghai, China

June 2015
GPA: 3.82/4.0

Subjects with A/A+ granted at graduation:
Chinese, Mathematics, English, German, Physics, Chemistry,
Biology, History, Geography

WORK EXPERIENCE

Summer Intern at Final Win, Shanghai, China
Website designer

Summer 2016

- As an intern, I am responsible for designing the company website for the start-up company. I mostly did my job by my own with the assistance and under the supervision of the department head. I practiced HTTP/CSS and a bit of JavaScript skills.
- The website was finished during the last week of my internship and can be found at http://www.fannong-game.com/

Self-employed, Shanghai, China
Academic Tutor

Summer 2015

- For two month I tutored an elementary school student at 4th Grade level. The student did good in math but failed in both Chinese and English
- I asked him to buy math exercise books of a higher level and explained mathematical theory that he had not yet learned in school. I also assigned homework from workbooks to improve his English and Chinese. Besides, I also read his Chinese essay and told him how to improve, and help him practice his oral English
- At the end of the semester he did even better in math and showed a huge improvement in English on the final exam

UNDERGRADUATE RESEARCH

PURE Undergraduate Research Program, CS Department, University of Illinois
Undergraduate Researcher,

Spring 2016

- The Cognitive lab of UIUC in Beckman Institute is in need of developing a

- digital questionnaire that will allow volunteers to input their basic information, and in turn show them the resulting score of handedness assessment.
- My mentor and I used the tools from OpenDataKit by Google which manages mobile data collection, and I wrote xml forms for the questions (race, gender, habits of hand using etc.) provided by my mentor so that they can be displayed on the screen.
- As the experiment conducted by the Cognitive lab is about examining the relationship between handedness and brain lateralization, I also learned about EEG techniques and other tools that help unveiling the mystery of our brain
- During the Symposium at the end of the semester, I let students and judges tried our questionnaires, showed them the result, and explained to them what it may potentially suggest of their brain

ACTIVITIES AND AWARDS

HackIllinois
Staff of HackIllinois
Fall 2015-Spring 2016
- HackIllinois, the annual hackathon event in UIUC, needs Illinois professors to be judges for the event. As a staff member, I was in charge of contacting more than 20 CS professors on campus and many of them said yes to me.
- During the event, I was in charge of overseeing the process of judging. I made sure the judges know where to go, how to fill out the judging forms they received etc.
- The event was a huge success because of the excellent work carried out by my fellow staff, volunteers and me.

Chinese Student and Scholar Association
Member
Fall 2015-Present
- As members of CSSA, my Chinese friends and I are dedicated to providing service to Chinese students campus wide and organizing events.
- I organized and spread information about philanthropic work to Chinese students; I participated in dramas and cup dance shows during Mid-Autumn Festival Celebration; I also helped out during other events such as Food Festival, Spring-Festival Celebration etc.

Association of Computing Machinery
Member of Webmonkey, special interest group of ACM
Fall 2015-Present
- As a member of Webmonkey, I attended weekly meetings to improve HTML/CSS and JavaScript skills, much of it proved useful when I had my first intern

Mathematical Contest in Modeling
Spring 2014
- During 2014 MCM, My team picked the problem of ranking the NCAA coaches according to their awards, winning rate etc.
- I was responsible for the math part. I assigned a score to every attribute of every coach and weighted them by Analytic Hierarchy Process and finally we got our final ranking
- We were awarded Honorable Mention.

SKILLS

Language: Chinese, English, German

Chinese is my mother language;
I have learned English for 15 years and I received a TOEFL score of 109 in 2014;
I have learned German for 7 years and I received the DSD2 certification in 2015 from the German government with a language level of C1 (close to mother language)

Programming language: Java, learned during CS125
C++, learned during CS225
HTML/CSS, JavaScript, learned in Webmonkey and during my first intern

Computer Skills: Microsoft office suite, started using Word, Powerpoint and Excel since primary school