

Corona Tsai

Campus:
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EDUCATION

University of Illinois at Urbana-Champaign, IL	3.76/4.00
BS in Computer Science	
Business Minor	
International Minor in Engineering—East Asia/China	exp. MAY 2021
Hong Kong University of Science and Technology, Hong Kong	
Summer Study Abroad	SUMMER 2018

EXPERIENCE

University of Illinois at Urbana-Champaign, IL — *CS 125 Course Assistant*
JANUARY 2018 - PRESENT

- ❖ Engaging with current students in CS 125: Introduction to Computer Science in Java on one-on-one basis and aiding them to better comprehend the concepts taught in the course
- ❖ Assisting students with debugging java code as well as guiding them to fix logical and stylistic errors

Illinois Mathematics and Science Academy, Aurora, IL — *Student Researcher*
SEPTEMBER 2015 - MAY 2017

- ❖ Synthesized compounds with improved explosives detecting abilities as compared to industry standard in collaboration with partners at the High School Affiliated with Renmin University of China (RDFZ)
- ❖ Analyzed and interpreted data from Nuclear Magnetic Resonance and Infrared spectrometers
- ❖ Presented research at student conference in April 2016 and April 2017 and published research paper in DigitalCommons@IMSA database

COMMUNITY INVOLVEMENT

American Computing Machinery (ACM) — *Reflections | Projections Corporate Committee*
JANUARY 2018- PRESENT

- ❖ Reaching out to and engaging with corporate companies and startups to find corporate partners and to gather recruiters for the two job fairs during the conference
- ❖ Assisting with organizing a week-long technology-related conference hosted by the UIUC ACM chapter which boasts an attendance rate of over 2000

Society of Women Engineers (SWE) — *Information & Marketing Committee Chair*
SEPTEMBER 2017 - PRESENT

- ❖ Facilitating the organization and distribution of information throughout the 500+ members of the SWE at UIUC chapter
- ❖ Holding weekly office hours in SWE office and attending weekly committee meetings as well as monthly SWE general meetings
- ❖ Attending SWE National Conference OCT 2018

Women in Computer Science (WCS) — *Team Tech Member*
SEPTEMBER 2017 - PRESENT

- ❖ Learning different algorithms and coding techniques in biweekly meetings
- ❖ Worked on a web application to streamline a student's course registration process by filtering courses offered

SKILLS

Computer Skills:
Java, C++, MySQL, Verilog,
HTML5, CSS

Foreign Languages:
Mandarin, French

ACTIVITIES

Chicago North Suburban Chinese School (CNSCS)
TA | SEPT 2014 – JUNE 2017

Overseas Youth English Teaching
Volunteer Service Program in
Taiwan
Volunteer Teacher | SUMMER 2016

Formosa Association of Student
Cultural Ambassadors (FASCA)
Vice President | 2015 – 2017

Swim and Dive Team
Member | 2014 - 2017

Badminton Team/Club
Member | 2014 - PRESENT

Harp
Harpist | 2008 – PRESENT

HONORS & AWARDS

Engr. James Scholar | SP18

Engr. College Dean's List | FA17

PygHack | Pixo Prize | SEPT 2017

National Merit Scholar Finalist |
2017

Illinois State Scholar | 2017

President's Volunteer Service
Award | 2015 & 2016

National AP Scholar | 2016

RELEVANT COURSEWORK

CS 233: Computer Architecture
CS 412: Intro to Data Mining
CS 411: Intro to Database Systems
CS 225: Data Structures
CS 173: Discrete Structures
CS 126: Software Design Studio
MATH 415: Linear Algebra