VIVIAN AUDUONG
ASPIRING ENGINEER

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Cell: 773-814-7548

Interested in developing skills, international collaboration, and making the world a better place

EDUCATION

Stanford University   2018 - present
B.S. in Mechanical Engineering

Beijing No. 80 High School   2017 - 2018
Exchange Student

US Citizen studying Mandarin Chinese on fully-funded merit scholarship, sponsored by the US State Department and National Security Language Initiative for Youth (NSLI-Y)

Whitney M. Young Academic Center and Magnet High School   2011 - 2017
H.S. Diploma

Weighted GPA: 5.36/6.00, unweighted GPA 4.00/4.00
Clubs and activities: Girls Who Code Club, Math Team, Robophins FRC Team, Chicago American Regions Math League, Volunteer for City of Chicago Junior Math League

EXPERIENCE

University of Chicago Young Scholars Program   Jun - Jul 2018
Seminar Leader

Led problem solving groups for students in grades 7-8. Mentored students in math enrichment topics, number theory, and Java programming.

Expedia Inc.   Jun - Aug 2017
Developer Apprentice

Worked full-time with Ad Engineering Team to program and test Rotation Finder, using ReactJS and agile development practices.

AWARDS AND ACHIEVEMENTS

1st Place, CPS Science Fair Symposium   2017
QED Distinguished Math Research Award

Documented and presented design of algorithm (implemented in python) to simulate lines on polyhedral surfaces.

Finalist Team in Project Paradigm Challenge   2016

Lead developer for Amazon app simulating fire hazards. Team was one of 100 finalists out of 50,000 participants.
Link: https://www.amazon.com/AFaceOfftoHouseFires/dp/B01F1DZDL6

1st place, Illinois Raspberry Pi Student PitchIT/BuildIT Challenge   2016

Pitched, programmed, built and presented original idea to use Raspberry Pi to optimize jumping in leaves.
Link: https://github.com/vauduong/Leaf-leaping

Runner Up Team, B-STEM Project/Microsoft Virtual Hackathon   2016

Designed, developed, and presented webpage prototype to connect customers with businesses donating to charity

LEADERSHIP

Chicago Public Schools CS4ALL   2016 - 2017
Student Advisory Board Member

Whitney Young Girls Who Code Club   2015 - 2017
Co-founder and Co-president

SKILLS
CS Experience with Python, React, Java, JavaScript, HTML and CSS, with eagerness to explore more languages
LANGUAGES English (Native), Mandarin (HSK 6), Cantonese (Native speaking), Spanish (Basic Working Proficiency)