

William Wu

willwu@wustl.edu
Dauten Hall, Suite 24
(203)809-0207

6515 Wydown Blvd, MSC 33799
St. Louis, MO 63105

Baihua 5th, Changcheng Building, 8B1301
Shenzhen, China 518000

Education

Washington University in St. Louis

St. Louis, MO

B.S in Electrical Engineering,

Expected Graduation: May 2023

Choate Rosemary Hall

Wallingford, CT

Private Boarding School for 9-12

Experiences

Systems Theory Lab

St. Louis, MO

Undergraduate Research Assistant

January 2020 – Present

- Self-taught linear algebra and complex analysis for research use
- Used MATLAB to visualize recursive linear optimization models

Tencent Holdings

Shenzhen, China

Public Relations Intern

July 2019-August 2019

- Collaborated in a 5-person team to plan and organize Rita Fan's (former President of the Legislative Council of Hong Kong) 3-hour tour and meeting
- Audited and journaled multiple meetings between Tencent Cloud Computing Department and government officials on national cloud computing policies
- Researched and Compiled a list of 20+ restaurants for company dinner locations

DJI Innovations

Shenzhen, China

Electrical Engineering Intern

July 2018-August 2018

- Applied PID control algorithm in Python to develop and program a 3-axis gimbal stabilization SDK module for the now launched DJI Robomaster S1 educational robotic platform
- Conducted extensive stress and durability test on a two-motor flywheel ball launching system

Technical Skills

- Software: proficient in Microsoft Office Suite, DS Solidworks, Adobe Premier, experience in MATLAB
- Programming: Proficient in Python, experience in Java, HTML/CSS, Linux, Shell
- Communication: Proficient in English, Mandarin, experience in French, comprehension of Cantonese

Awards and Honors

- Gold Medalist, Recurve Guest Division, 2019 USA Archery Indoor National Championships.