



MARIA XU

Freshman EECS Major @ UC Berkeley

PROFESSIONAL SUMMARY

Self-motivated learner looking to expand her scientific horizons and skillset by conducting research in her area of interest (computer science & economics)

LEADERSHIP EXPERIENCE

- **Member of USA National Martial Arts Team & Taichi gold medalist** in several international martial arts competitions
- **Founder & President** of Interlake Taichi Club, a club promoting Chinese culture through martial arts
- **Co-Founder** of student nonprofit organizations Code4Care & Education for Equality, both aim to reduce gender/racial gaps in education
- **Under-Secretary General & Director** of EDUMUN, WorldMUN, PACMUN, & KingMUN, Model UN conferences of MUN Northwest

WORK EXPERIENCE

- 2021 - 2022 **The Bohringer Lab @ UW: Student Volunteer**
<https://labs.ece.uw.edu/mems/>
- Helped optimize micro-electromechanical systems/devices with ANSYS & COMSOL simulations
- 2022 **Microsoft: Research Intern**
- Conducted and presented independent research on effect of COVID on food supply chain
 - Utilized research, data collection & analysis with Python, and presentation skills
 - Published two papers to summarize research findings
 - <https://tinyurl.com/covid19fastfood>
 - <https://tinyurl.com/mlldemandforecast>
- 2022 **Self-Employment: Tutor (Paid)**
- Conducted Zoom tutorials to teach high schoolers various subjects including SAT, chemistry, and math

SKILLS

- Proficiency in Python & Java
- Proficiency in Microsoft Office
- Excellent interpersonal & communication skills
- Fluency in Chinese
- Analytical & problem-solving
- Well-organized
- Advanced mathematics

EDUCATION

Interlake High School

2018 - 2022

- GPA: 4.0/4.0
- IB Diploma: 42/45
- 13 APs, including 5 on Calc BC, Macro, Micro, & Physics
- National Merit Scholarship Finalist
- AP Scholar w/ Distinction

CONTACT

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