

Brian Hou

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EDUCATION

Arizona State University (ASU)
Robotics Engineering, BSE

August 2022 - May 2026 (Expected)

ACTIVITIES

ASU VEX Robotics Varsity

August 2022 - Present

- Mechanical Engineer of the PYRO robotics team.
- Responsible for mechanical design and robot construction.

ASU Badminton Club

August 2022 – Present

- Joined weekly practice and mini-tournaments.

VEX Robotics Varsity in KCIS (high school)

2019 - 2022

Club Founder and Lead Designer/Chief Engineer

- Founded the robotics club and led teaching sessions for newcomers.
- Designed and constructed several winning VEX robots.
- Led the varsity team to win awards in various national/international competitions.
- Successfully promoted VEX to one of the most popular clubs in the school.

Drummer of the school band at KCIS

2021 - 2022

- Performed at year-end concerts, etc.
- Practiced regularly with band members 4 hours/week.

HONORS AND AWARDS

Various Awards in VEX Tournaments

2020 - 2022

- Tournament Champion / World Championship Qualifier
- Sportsmanship Award / Judges Award / Amaze Award

SKILLS

- Proficient in mechanical design and construction.
- 3D design software (SolidWorks)
- Programming Languages (C/C++, Python)
- Leadership/team builder

LANGUAGE

Native speaker of English and Mandarin