

Tianrui Li

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Education

Bachelor of Science in Computer Science

University of Florida, Gainesville, FL

Minor: Physics, Engineering Innovation

Relevant Coursework: Programming Fundamentals 2, Applications of Discrete Structures

May 2023

GPA: 4.0/4.0

High School Advanced Honors Diploma

Palo Verde High School, Las Vegas, NV

May 2019

Weighted GPA: 4.0/4.0

SAT: 1540 | ACT: 35 | SAT Math II: 800 | SAT Physics: 800 | SAT Chemistry: 800 | SAT U.S. History: 750

Technical Skills

Computer Skills: C++ (intermediate) | Java (intermediate) | Android Studio (basic) | Onshape (basic) | Blender (basic) | HTML/CSS/JavaScript (basic) | Python (basic)

Languages: Mandarin (fluent/conversational), Japanese (basic)

- Gold Certificate for Level 1 of National Japanese Exam (2019)
- 2nd Place in the Level 3 Division of the Annual Japanese Speech Contest, Regionwide (2018)

Involvement

Programming Team

Member

August 2019 -

Present

- Engages in problem-solving using LeetCode and CodeForces questions during club practice sessions and free time
- Actively studies unfamiliar computer science concepts, such as time complexity and map structures, in club lectures and on own time

GatorLoop

OS & GUI Subteam Member

August 2019 -

Present

- Handles the GUI display for statistics related to HyperLoop pod as a part of the OS & GUI team
- Attends technical workshops and utilizes online resources to develop skills in HTML, CSS, and JavaScript and learn to apply them

Association of Computer Engineers

Member / Mentee

Sept. 2019 -

Present

- Attends workshops and participates in mentorship program to establish connections with peers with a similar field of interest and to improve professional skills (i.e. communication)

Successful Transition and Enhanced Preparation for Undergraduates Program (STEPUP)

Member

June 2019 -

August 2019

- Built connections and collaborated with driven, likeminded peers on projects in a variety of engineering classes, further developing technical skills in Blender, Onshape, and Arduino
- Toured and listened to several engineering companies and corporate speakers

VEX Robotics

Member

August 2018 -

Feb. 2019

- Developed skills in C/C++ through Vex Coding Studio and in robot mechanics, while designing, building, and programming the robot for VEX competition with teammates
- Placed 2nd in the VRC Green Valley Qualifier (regionwide, 2018) and qualified to participate in the Nevada state tournament (statewide, 2019)
- Visited a local middle school (Becker M.S.) to advise and consult their robotics team

Science Olympiad

Founding Member

Oct. 2017 -

March 2019

- Placed 2nd in Astronomy, Chemistry Lab, and Circuit Lab events and 4th in Thermodynamics event at 2019 Nevada state competition; placed 2nd in Astronomy at the 2018 competition
- Organized study events and managed club finances with cofounders, often conducting fundraisers by selling hot chocolate

Recognition

National Finalist for the U.S. National Chemistry Olympiad Competition, Nationwide (2017, 2019)

National Merit Scholar, Nationwide (2019)

Scholarships: Ronald McDonald House Charities of Greater Las Vegas Scholarship (2019), Palo Verde High School Career and Technical Scholarship (2019)