Tianrui Li

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Education

Bachelor of Science in Computer Science   *May 2023*
University of Florida, Gainesville, FL   GPA:4.0/4.0
Minor: Physics, Engineering Innovation
Relevant Coursework: Programming Fundamentals 2, Applications of Discrete Structures

High School Advanced Honors Diploma   *May 2019*
Palo Verde High School   , Las Vegas, NV   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   *August 2019 -*
Member   *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

SurfLab   *Oct.2019 -*
Research Assistant   *Present*
- Analyzes RhinoVR files/code and studies OpenVR in order to assist in developing a Rhino plugin that will enable interactive VR experience in a 3D Rhino scene

Association of Computer Engineers   *Sept.2019 -*
Member / Mentee   *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)   *June 2019 -*
Member   *August 2019*
- Built connections and collaborated with driven, likeminded peers on projects in a variety of engineering classes, developing technical skills in Blender, Onshape, and Arduino
- Toured and listened to several engineering companies and corporate speakers

VEX Robotics   *August 2018 -*
Member   *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   *Oct. 2017 -*
Founding Member   *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 financeswith 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)