Lucas Flowers

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HONORS

National Junior Honor Society, *Explorer Middle School*, Phoenix, AZ   May 2021–2022

Best Programmer, *Phoenix Robotics, Phoenix, AZ*   May 2023

Arizona Science Fair Finalist, *Benchmark Elementary*, Phoenix, AZ   March 2020

FRC LA Regional Winners, *Phoenix Robotics*, El Segundo, CA   March 2023

Dean's List Noninee, Phoenix Robotics, Phoenix, AZ   March 2023

Member, *National Society of High School Scholars*   May 2023–Present

LEADERSHIP

Treasurer, *Phoenix Robotics*, Phoenix, AZ   May 2023–Present
- Managed purchase orders and the budget of the team.

Lead Programmer, *Phoenix Robotics*, Phoenix, AZ   January 2023–Present
- Programmed the robot's autonomous mode and teleoperated mode
- Programmed the robot's sensors, vision processing, and related input methods
- Taught new members how to program the robot and related skills
- Troubleshoot issues relating to bugs in programming and similar issues

ACTIVITIES

First Clarinet Honor Band, *Explorer Middle School Band*, Phoenix, AZ   August 2019–2022
- Preformed at exclusive honor band concerts
- Performed multiple solo parts as First Clarinet

2nd Degree Brown Belt, *Scottsdale Martial Arts Center*, Scottsdale, AZ   August 2014–2023
- Spared weekly
- Won third place at USA Karate Arizona City Championship (year)
- Participated in quarterly belt tests

Student Ambassador, *Explorer Middle School New Student Orientation*, Phoenix, AZ   August 2022
- Gave tours to incoming 7th grades
- Talked at a Q&A panel of returning students for incoming students
- Ran get-to-know-you activities for incoming students

Founding Member, *GenYES Benchmark School*, Phoenix, AZ   August 2018–2020
- Help with necessary maintenance on computers around the school
- Helped with STEAM class, teaching students about 3D models and 3D printing
- Made instructional videos on applicable technologies for students
- Created and maintained the school's portal website, including multiple links and resources for students in the classroom

Graduating Member, *Leadership Society of Arizona Summer Program*, Phoenix, AZ   July 2023
- Top 10% of students in 9th grade year
- 3.9 GPA in 9th grade year

CERTIFICATIONS

CS50x 2023   January 2024

IT Specialist - Python   March 2024

SKILLS

CSS	★★★★★
Python	★★★★☆
Javascript	★★★☆☆
Linux	★★☆☆☆
C	★★☆☆☆
React	★☆☆☆☆