Rushil Mahadevu

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Reno, Nevada

Summary

- Dedicated, hardworking student who aspires to work in a field of mathematics or computer science.
- Passionate about STEM concepts, created a variety of coding projects on github and interested to develop experience in the related fields.
- Extracurricular activities include skiing, mountain biking, cross-country, and track & field

Skills

Communication skills, Time management, Leadership, Responsibility, Reliability, Critical thinking

Tech Stack

Python, JavaScript, React, Node.js, HTML, CSS, Git, Firebase, Supabase

Education

Sage Ridge School • Reno, Nevada
- Freshman student of Sage Ridge School who pursues the subjects of World History & Religion to 1400, Computational Physics, Honors Algebra II, Ancient & Medieval Literature, Spanish II, AP Computer Science Principles, and Freshman Seminar
- Holds a 4.0 unweighted GPA
- Achieved a 1360/1400 PSAT score with a perfect math score of 720 (> 99%)
- Received Head of School's List award throughout all of the years attending Sage Ridge School
- Honored a Pillar of Respect along with a Pillar of Scholarship
- Pursuing an advanced sophmore/junior year Algebra II course
- Taking a route of Advancement Placement Computer Science
- Represented Sage Ridge in debate, cross-country, and track and field

Work Experience

- Kumon
  - Delivered personalized math and reading instruction using the Kumon Method, promoting self-learning and skill mastery.
  - Graded assignments, tracked progress, and provided feedback to improve student accuracy and confidence.
  - Supported students of varying ages and abilities, fostering a positive and motivating learning environment.
  - Developed strong communication, organizational, and mentoring skills.

Achievements

- Currently completing courses in Honors Precalculus under an external math program
- Competed in math tournaments under the Northern Nevada Math Organization
- Achieved President's Education Awards Program in both 2019 and 2021
- Competed in a multitude of WCA(World Cube Association) speed cubing competitions with a competition record of 18.11 seconds for 3x3 (https://www.worldcubeassociation.org/persons/2022MAHA11)
- Participated in Speech and Debate tournaments through school and Potomac Debate Academy
- Earned a Certificate of Membership for the National Speech & Debate Association and reached Senior Level Debate within two tournaments

Debate within two tournaments
- Accomplished 6 Kumon Mathematics Platinum Awards from 2018 to 2021

Projects

- **Kalimu** | AI-powered education roadmap (JavaScript)
- **Pebblo** | A platform for micro-challenges that promote personal growth and community impact. (TypeScript)
- **RB-BFS-MazeEngine** | Maze solver using recursive backtracking and BFS (Python)
- **LeetCode** | Personal collection of LeetCode solutions (Python)
- **React-SSS** | Square root calculator via successive subtraction (JavaScript)
- **React-Pomodoro** | Simple pomodoro timer (JavaScript)
- **PyNavFS** | File Explorer System in terminal (Python)

Links

- GitHub
- Stack Overflow
- LeetCode