

Zaid Arsalan Salahuddin

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zaidalahuddin.com

ACTIVITIES

Boy Scouts of America (2016 - 2024)

- Assistant Senior Patrol Leader
- Chaplains Aide

Science Olympiad (Oct 2022 - May 2024)

- Robot Tour
- Wifi Lab
- Fermi Questions

Cyber Club (Nov 2022 - May 2024)

- Linux and Windows Server

Speech and Debate Club (Sep 2022 - May 2024)

National Honor Society (Oct 2022 - May 2024)

Paskibra (Indonesian Flag Hoisting Troop) (Jun 2023 - Aug 2023)

EDUCATION

Virginia Polytechnic Institute and State University

College of Engineering - Computer Science - June 2028

South Lakes High School

IB Diploma - Overall GPA 4.236 - June 2024

PROJECTS

Extended Essay (2023 - Mar 2024)

- Investigated the effect of multiple neural networks on a reinforcement learning model
- Worked with Python Tensorflow and OpenAI Gym environments to run multiple experiments
- Wrote a 4000-word report on findings

Eagle Scout Project (Oct - Nov 2023)

- Planned the logistics to build four picnic tables for a charitable organization
- Fundraised over \$800
- Coordinated with 10+ volunteers to execute the project

SKILLS

Microsoft Office

Python - Machine Learning/Data Science

Java

HTML/CSS

Windows System

AWARDS

Eagle Scout - Boy Scouts of America (Apr 2024)

Air Force Association CyberPatriot - Platinum Tier (Nov 2023)

Fairfax County Regional Science and Engineering Fair - Honorable Mention for Sustainable Materials and Design (Mar 2021)

COMMUNITY

Reston Association Volunteering (June 2022-May 2024)

Indonesian Muslim Association in America (IMAAM) (2020-2023)

- Sunday School Assistant Arabic Teacher

Dogwood Elementary Gardening (Oct 2022)

WORK

Tropical Smoothie Cafe (Aug - Oct 2022)

- Took customer orders and handled transactions
- Fulfilled drink orders during peak hours in minutes
- Kept food area and restaurant clean daily