## Zaid Arsalan Salahuddin

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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

SKILLS Microsoft Office

Python - Machine Learning/Data Science

Java

HTML/CSS Windows 10

PROJECTS Extended Essay (2023 - Mar 2024)

- Investigated the effect of multiple neural networks on a reinforcement learning model

Worked with Python 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

- Fundraised over \$800

- Coordinated with 10+ volunteers to execute the project

ACTIVITIES Boy Scouts of America (2016 - 2024)

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)

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)

EXPERIENCE 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

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

- Sunday School Assistant Arabic Teacher

**Dogwood Elementary Gardening (Oct 2022)** 

Reston Association Volunteering (June 2022-May 2024)