

# 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

## 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
- Fundraised over \$800
- Coordinated with 10+ volunteers to execute the project

## 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)

## 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

**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)

## 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

## SKILLS

**Microsoft Office**  
**Python** - Machine Learning/Data Science  
**Java**  
**HTML/CSS**  
**Windows System**