Shayaan Azeem

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EDUCATION

White Oaks Secondary School   Oakville, ON
High School Diploma /International Baccalaureate (IB) Diploma   *Expected Graduation 2025*

EXPERIENCE

Founder/President   September 2023 – Present
White Oaks Robotics Club   Oakville, ON
- Managed logistics for weekly meetings with 100+ members, ensuring smooth operations
- Secured sponsorships and raised over $14,000 to support club initiatives.
- Led a team of 12 executives in coordinating club activities and projects.
- Oversaw the development of a VEX robot, including design, programming, and testing phases.
- Collaborated with administrative staff and teachers to facilitate club operations and events.

Growth Intern   May 2024 – Present
The Hack Foundation (Hack Club)   *(Remote) Burlington, VT*
- Created and optimized content, achieving an average of 30k views per post.
- Analyzed metrics to drive a 40% increase in account reach by refining growth strategies.
- Scaled the account from 47k to over 100k followers in under 6 months.
- Reduced CPM by 25% and increased return on investment with targeted improvements.

Co-FounderLead Organizer   Nov 2023 – May 2024
Apocalypse Hacks (Canada's Largest High School Hackathon)   *Toronto, ON*
- Managed comprehensive event logistics for 180+ attendees, including swag, meal planning, workshops, website development, and day-of operations.
- Conducted sponsorship outreach, securing $50k in financial support from sponsors like Hack Club and Shopify
- Automated task completion and budget tracking with Google Sheets, Trello, and Slack API integration

PROJECTS

TensorForest | *YOLOv8, TensorFlow Lite, Python, OpenCV*   Jan 2024 – Present
- Designed and automated a drone system to create vegetation maps
- Built and trained an 80%-accurate machine learning model for real-time vegetation classification and flammability heatmaps.
- Developed Python scripts for image stitching and analysis producing high-resolution drone imagery data.
- Achieved 3rd place nationally at the World Robot Olympiad and secured a $5,000 grant from Bloomberg Philanthropies for further research and development.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML
Frameworks: React, Django, Flask
Developer Tools: Git, Visual Studio Code, PyCharm
Libraries: Matplotlib, TensorFlow, NumPy, Pygame, Pandas, OpenCV, ArcGIS

AWARDS

- **VEX Tournament Champion & Excellence Award** (2024) – Ranked Top 5 in Ontario (Team 8433W), VEX Online Global Finalist, World VEX Robotics Championship Qualifier
- **VEX Robotics Provincials Finalist** (2025)
- **DECA ICDC Qualifier** (2025) – Achieved Highest Exam and Oral Scores at Provincials
- **DECA Stock Market Game Finalist** (2023) – Top 25 Internationally
- **World Robot Olympiad Bronze** (2024) – 3rd Place Nationally
- **USACO Silver** (2024)