Arjun Sharma

arsharma@tcs.on.ca ❖ +1 (289) 927-6191 ❖ Oshawa, ON

EDUCATION

Trinity College School   **Sept. 2017 – Present**
Class of 2025, 98.5% GPA   *Port Hope, ON*
- **Honours:** F.A. Bethune Scholarship 2-time Recipient, Top Overall Academic Average (2021-Present), Top Academic Average in Grade 11 Computer Science, Grade 11 Functions, Grade 11 World Religions (2023).

WORK EXPERIENCE

Matchpoint Tennis   **Jun. 2023 – Aug. 2023**
Summer Camp Counsellor   *Whitby, ON*
- Matchpoint Tennis, a popular Whitby-based summer tennis camp, serves ages 5-15 across 7 weeks (MatchpointTennis.ca).
- Programmed and led daily tennis games and lessons and weekly tournaments as a summer camp counsellor (20 hrs/week).

VOLUNTEERING EXPERIENCE

- Conducted one-on-one tutoring sessions with TCS students as a peer tutor, Sept. 2021 - Present (3 hours/week).
- Oshawa CIT Course and Volunteer Counsellor at Matchpoint Tennis, July. 2022 - Aug. 2022 (40 hours/week, 5 weeks).
- Mentored local children to support their overall development as Big Brothers volunteer, Jun. 2022 - Present (2 hrs/week).
- Tutored local elementary school students weekly with Rebound Tutoring, Sept. 2023 - Present (1 hour/week).
- Contributed to bi-monthly academic support and wellbeing meetings, Sept. 2022 - Present (0.5 hours/week).
- Oversaw Grade 10 Computer Science, supporting assignment and test preparation, Sept. 2023 - Present (2.5 hours/week).

EXTRACURRICULAR ACTIVITIES

- *Founder and President,* TCS Computer Science Club (2023 - Present)
- *President,* TCS DECA/Investment Club (2023 - Present)
- *First Chair,* TCS String Ensemble (2022 - Present)
- Violin and Piano Playing experience (2013 - Present)
- TCS Debate Club (2021 - Present)
- TCS Competitive Squash Team (2021 - Present)
- TCS Competitive Tennis Team (2021 - Present)

PROJECTS

Green Meter | HTML, JavaScript, CSS, JSON   **Mar. 2024**
- Chrome extension providing real-time data on carbon emissions, the energy consumption of browsing sessions, and the number of trees needed to offset this impact. Integrated ElectricityMaps API to provide geographically accurate data.

The Last Parking Spot | C#, .NET   **Jul. 2023**
- Musical chairs-inspired racing game with realistic physics, collision detection, ML pathfinding, and random win conditions.

Siri Machine Learning Emulation Model | TensorFlow, Python   **Dec. 2022**
- 93.7% accurate custom-built voice command speaker intent classification model using NER and a trained BERT model.

AWARDS

- 2nd Place Winner at HackOrange Hackathon with educational reading assessment and recommender platform, Apr. 2023
- Winner at HackKirius hackathon out of 84 participants with digital carbon footprint tracking extension, Mar. 2024
- Honourable mention at HackSwift hackathon out of 937 participants with sustainable shopping extension., Mar. 2024
- 2-time Canadian Computing Competition Distinction Recipient & School Champion, Feb. 2023-2024
- **Business:** Two-time Top 10 Provincial Finalist at DECA Competition, Feb. 2023-2024; Regional Champion at DECA Competition, Nov. 2022; International Diamond Challenge Entrepreneurship Competition Semi-Finalist, Feb. 2024.
- **Debate**: Champion at UWestern Debating Tournament, Nov. 2023; Top 3 Overall Junior Speaker and Finalist at UOttawa Debating Tournament, Nov. 2023; Top 40 Individual Debater in Ontario as OSDU Provincials Competitor, Feb. 2024

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Harvard CS50 (Aug. 2023), First-Aid & CPR/AED Level C (Jul. 2022), Red Cross Babysitting (Jan. 2024)
- **Languages:** Python, Java, HTML, CSS, JavaScript, TypeScript, SQL, C, Elm, C++
- **Frameworks & Tools:** Git, React, Vue.js, Node.js, ESLint, MongoDB, Docker, Unity, VSCode, Eclipse, TensorFlow