

Arjun Yadav

arjun@arjunyadav.net

Education

Delhi Private School, Sharjah

Apr 2010 –

Physics, Chemistry, Mathematics, Computer Science and English

Sharjah, United Arab Emirates

Activities and societies:

- Co-founded and co-facilitated three editions of the Society of Logic and Rationality in Students - the UAE's premier high school logic and rationality club.
- Active member of the MUN school team.
- Leader of the school's Python club (PyTech) after 2023: taught Python to middle schoolers and organised the school's Inter-House Hackathon for 2023.
- Active member of the school's environment club (EcoGen).

Student Council and Leadership Roles: Vice Head Boy for 2023-24 and Head of Events - EcoGen for 2023-24. Formerly Coordinator - Environment during my junior year.

Experience

Research Assistant

Jun 2023 –

American University of Sharjah

- Currently working with Mr Ali Reza Sajun and Dr Imran A. Zuolkernan at the CSE department on the issue of ghost images using efficient transformers.
- Learnt about transformers, semi-supervised learning and more!

Co-Founder

Dec 2022 –

EA UAE

- Co-founded the UAE's national EA group in late 2022 - helping to bridge the gap between EA AUS and EA NYUAD.

Committee Member and Volunteer

Jan 2023 –

OptX

- Volunteered for three events for Opportunities to Expand: a symposium between a surgeon + astrophysics professor and students, UAE AID volunteering for victims of the 2023 Turkey-Syria Earthquake, an Iftar distribution campaign in Dubai.
- Played a major role in research and development and in organising said events.

Blog Writer and Editor

Jul 2023 –

Ocean Busters

- Currently working with an international non-profit by writing and proofreading posts relating to the issue of ocean pollution.

Beta Reader

Jan 2022 –

Cold Takes

- Beta reader for Cold Takes, a blog by the co-founder and co-CEO of Open Philanthropy, Holden Karnofsky.
- Learnt more about the art of giving constructive criticism and got the privilege to see exemplary philosophy and AI safety content early.

Co-Event Organiser

May 2023 – Sep 2023

TEDxDPSS 2023

- Worked extensively with our media and outreach teams to organise the successful second edition of TEDx at Delhi Private School, Sharjah!

Co-Resource Head - Earth and Climate Change Council

Dec 2022 – May 2023

Youth Global Solutions Summit

- Helped to develop the agenda for the council, review pre-summit papers and, in general, oversee the flow of the two days of fruitful debate.
- Won best council for our work.

Design and Research

Jul 2022 – Sep 2022

EAGxIndia

- Created mock-ups for the event's landing page.
- Worked on mapping document highlighting EA communities in Asia.
- Learnt "soft skills" such as using Slack effectively and how Asana works
- Overall, became a much better communicator and designer.

Front-end Web Developer and Data Visualizer

Oct 2021 – Apr 2022

Effective Altruism Data, Legal Priorities Project

- Worked with a data scientist from New Zealand to help redesign an EA data visualizer.
- Worked with Legal Priorities Project for data visualization for their paper, "Protecting future generations".
- Learnt about Dash and Plotly with Python, as well as got more familiar with the Git workflow.
- Learnt more about Matplotlib from work with Legal Priorities Project.

Awards & Honors

Best Speaker - United Nations Office for Outer Space Affairs

GFSMUN III

June 2023

Best Speaker - For-side - Inter-House Debate

Delhi Private School, Sharjah

May 2023

Second Rank - Euclid Mathematics Contest

University of Waterloo

May 2023

Youth Global Solutions Summit - Best Council

Delhi Private School, Sharjah

May 2023

Second Round - 10th National Math Contest

Abu Dhabi University, Al Ain

Mar 2023

First Position - Essay Writing Competition

Delhi Private School, Sharjah

Jan 2023

Team Leader of Winning Hackathon Team - Senior Category

Sharjah and N. Emirates Chapter of Code Battle Hackathon

Nov 2022

First-place Senior Category

ATLAB Well-being App Development Competition

2020

Best and Outstanding Delegate

Stay Home Model UN 4.0, Woodlem Summit'20 and Stay Home Model UN 8.0

2020, 2020, 2021

KENKEN - 2x Silver Medal Holder

KENKEN UAE

2019, 2020

Skills and Knowledge

Programming and Markup Languages: Knowledgeable in Python, JavaScript and Java. Additionally, knowledgeable in LaTeX.

Python Modules: Knowledgeable in Dash, Plotly, NumPy and Matplotlib.

JavaScript Frameworks: Knowledgeable in React.js and Next.js.

Mathematics: Certified in Linear Algebra and Multivariate Calculus through the Mathematics for Machine Learning course offered by Imperial College London.

Other Interests

Public Speaking and Debating: Experienced in Model UN procedures, 2x Best Delegate, 1x Best Speaker, 1x Outstanding Delegate and 1x Honourable Mention.

Effective Altruism: Proficient in knowledge relating to Effective Altruism. Facilitated Effective Altruism Virtual Programs' In-Depth EA Program and attended EAGxOxford 2022.

Environmental Awareness: Helped to conduct and coordinate events relating to raising awareness on climate change, combating climate denialism, etc.