

Arjun Yadav

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Education

The University of Manchester

BSc (Hons) Computer Science

Sep 2024 – Present

Manchester, United Kingdom

Delhi Private School, Sharjah

Physics, Chemistry, Mathematics, Computer Science and English
Activities and Societies:

Apr 2010 – Apr 2024

Sharjah, United Arab Emirates

- 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

Member

Apr 2024 – Present

Horizon Omega

- Member of Horizon Omega, a collaborative network aiming to reduce AI risk.

Fellow

Feb 2024 – Present

AI Safety Fundamentals

- Selected to the AI Safety Fundamentals: Governance Course in April 2024.
- Selected to the AI Safety Fundamentals: Alignment Course in February 2024.

Inductee

Dec 2023 – Present

AI Safety Camp

- Became an inductee to AI Safety Camp 2024! Working at Project 29: Organise the next Virtual AI Safety Unconference.

Developer

Dec 2023 – Present

AI Plans

- Part of the AI Plans development team, working primarily with the front-end and database management.

Research Collaborator

Dec 2023 – Present

Dioptra

- Part of the general intelligence benchmark team, helping on projects related to machine learning safety and interpretability.

Team Member

Nov 2023 – Present

Offline Streaming Systems

- Working with a small team on a project designed to make offline streaming a more accessible reality.

Blog Writer and Editor

Jul 2023 – Present

Ocean Busters

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

Committee Member and Volunteer

Jan 2023 – Present

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.

Co-Founder

Dec 2022 – Present

EA UAE

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

Beta Reader

Jan 2022 – Present

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.

Research Assistant

Jun 2023 – Dec 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!

Student Moderator - Metaverse Committee

Sep 2023 – Oct 2023

Project: Unboxed

- Moderated the metaverse committee of Project: Unboxed, a youth mental-health conclave hosted at Delhi Private School, Sharjah to a successful plan-of-action.

Event Organiser

May 2023 – Sep 2023

TEDxYouth@DPSS 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.

Facilitator

Jul 2022 – Sep 2022

Effective Altruism Virtual Programs

- Facilitated the In-depth fellowship offered by EA Virtual Programs. Earned an average rating of 8.4 out of 10 from my cohort.

Front-end 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

Outstanding Delegate - United Nations Office on Drugs and Crime <i>DXBMUN'23</i>	<i>Dec 2023</i>
Best Delegate - United Nations Special Committee on Peacekeeping Operations <i>NMSMUN'23</i>	<i>Oct 2023</i>
Open Philanthropy Consolation Prize <i>Open Philanthropy</i>	<i>Oct 2023</i>
AP Scholar <i>CollegeBoard</i>	<i>Jul 2023</i>
Best Speaker - United Nations Office for Outer Space Affairs <i>GFSMUN III</i>	<i>Jun 2023</i>
Best Speaker - For-side - Inter-House Debate <i>Delhi Private School, Sharjah</i>	<i>May 2023</i>
Second Rank - Euclid Mathematics Contest <i>University of Waterloo</i>	<i>May 2023</i>
Youth Global Solutions Summit - Best Council <i>Delhi Private School, Sharjah</i>	<i>May 2023</i>
Second Round - 10th National Math Contest <i>Abu Dhabi University, Al Ain</i>	<i>Mar 2023</i>
First Position - Essay Writing Competition <i>Delhi Private School, Sharjah</i>	<i>Jan 2023</i>
Team Leader of Winning Hackathon Team - Senior Category <i>Sharjah and N. Emirates Chapter of Code Battle Hackathon</i>	<i>Nov 2022</i>
First-place Senior Category <i>ATLAB Well-being App Development Competition</i>	<i>2020</i>
Best and Outstanding Delegate <i>Stay Home Model UN 4.0, Woodlem Summit'20 and Stay Home Model UN 8.0</i>	<i>2020, 2020, 2021</i>
KENKEN - 2x Silver Medal Holder <i>KENKEN UAE</i>	<i>2019, 2020</i>

Skills and Knowledge

Programming and Markup Languages: Knowledgeable in Python, JavaScript, Java and 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.
AI Safety: Taught AI safety to my fellow seniors during the Summer of 2023, and I possess certification for my skills via the Intro to ML course by the Center for AI Safety

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.

AI Safety: I have been learning independently about AI safety since the Summer of 2023, I write about my new-found knowledge at <https://arjunyadav.net/notebook>.

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