Arjun Yadav

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Education

University of Manchester, BSc(Hons) in Computer Science   Sep 2024 – Present
- **Societies and Committee Roles**: Software Member at Manchester Stingers Motorsports, AI Officer at EA Manchester and GameDev Member & Events Officer at UniCS.
- **Coursework:** First Year Team Project, Fundamentals of Computer Engineering, Fundamentals of Computer Architecture, Introduction to Programming and Mathematical Techniques for Computer Science

Delhi Private School, Sharjah   Apr 2010 – Apr 2024
- **Activities and Leadership Roles**: Vice Head Boy for 2023-24, Coordinator - Environment for 2022-23, Student Moderator for Project: Unboxed, Co-Research Head at Youth Global Solutions Summit'23 and Decorated Member of Model United Nations Team
- **Subjects:** Physics, Chemistry, Mathematics, Computer Science and English

Experience

Partnerships Team, Kickstart Global – London, United Kingdom   Aug 2024 – Present
- Part of the team identifying and supporting top early-stage startup talent from universities across the UK.
- Engaged in establishing partnerships with societies and start-ups across the UK to find top talent.

Deep Tech Intern, Arrayah – Dubai, United Arab Emirates   Aug 2024 – Present
- Collaborated to further develop Offline Streaming Systems, focusing on leveraging mesh networks for efficient data transfer in low-connectivity environments.
- Contributed to the technical and operational aspects of Feed Forward, a platform designed to streamline food donations by connecting households and businesses with those in need.
- Engaged with mentors and fellow innovators at Arrayah, gaining insights into product development, scalability strategies, and navigating challenges in deep tech startups.

Member, Horizon Omega – Montreal, Canada   Apr 2024 – Aug 2024
- Collaborated on AI safety research, focusing on high-impact projects and fostering connections with experts in the field.
- Assisted in organizing and hosting the Provable AI Safety Seminars as part of the Horizon Events team.

Partner, Offline Streaming Systems – Dubai, United Arab Emirates   Nov 2023 – Aug 2024
- Played a key role in developing offline streaming technology for regions with limited connectivity.
- Selected for Arrayah, a Middle East deep tech hacker space, and contributed to furthering the project through research and prototyping.

Committee Member, OptX UAE – Dubai, United Arab Emirates   Jan 2023 – Aug 2024
- Volunteered at several major events, including our flagship event, "The Symposium", Iftar distributions and UAE AID campaigns, where I supported event coordination, registration, and participant engagement.
- Contributed to the success of these events through meticulous planning, research, and collaboration with fellow committee members.

Fellow, AI Safety Fundamentals – Dubai, United Arab Emirates   Feb 2024 – Jul 2024
- Completed AI Safety Alignment and Governance courses, gaining a foundation in AI ethics and alignment challenges.
- Applied learnings to real-world discussions and projects, deepening understanding of AI safety.

Research Collaborator, Dioptra – Sharjah, United Arab Emirates   Dec 2023 – Jul 2024
- Contributed to the development of GameBench, assessing strategic reasoning capabilities of large language models (LLMs) across nine distinct game environments.

- Played a role in developing one of the game environments used in the benchmark.

Co-Founder, Effective Altruism UAE – United Arab Emirates   Dec 2022 – Jul 2024

- Co-founded and established the UAE's national chapter for Effective Altruism, leading initiatives to promote ethical and effective charitable actions.
- Facilitated connections between EA AUS and EA NYUAD, helping to create a unified network for discussions on philanthropy and altruism.

Intern, Delhi Private School, Sharjah – Sharjah, United Arab Emirates   May 2024

- Assisted the Senior Wing Headmistress with a range of administrative tasks, ensuring smooth daily operations.
- Contributed to social media management, content writing, and design projects, enhancing the school's online presence.
- Provided web development support for various departments, improving the functionality and user experience of internal platforms.

Developer, ai-plans.com   Dec 2023 – May 2024

- Contributed to front-end development and database management, enhancing the platform's user interface and functionality.
- Collaborated with team members to integrate AI-driven tools, improving the platform's efficiency and user experience.

Inductee and Organiser, AI Safety Camp, Virtual AI Safety Unconference   Dec 2023 – May 2024

- Inducted into AI Safety Camp 2024, where I contributed to organizing the Virtual AI Safety Unconference, bringing together leading experts to discuss AI safety concerns.
- Coordinated international participation, managing over 40 talks and presentations that covered a wide array of topics in AI safety and ethics.

Research Assistant, American University of Sharjah – Sharjah, United Arab Emirates   Jun 2023 – Dec 2023

- Conducted research on transformer-based models to enhance image recognition technology.
- Gained hands-on experience with semi-supervised learning techniques and transformer models.

Event Organiser, TEDxYouth@DPSS – Sharjah, United Arab Emirates   May 2023 – Sep 2023

- Led the media and outreach teams for TEDxYouth@DPSS 2023, managing publicity, marketing, and social media campaigns.
- Oversaw event logistics, contributing to the event's success in engaging a broad audience.

Design and Research, Effective Altruism India   Jul 2022 – Sep 2022

- Assisted in the design and creation of event mock-ups, ensuring high-quality presentation materials for EAGxIndia.
- Conducted research on EA community-building in Asia, providing insights to strengthen EA networks across the region.
- Collaborated with event organizers to refine logistical planning, contributing to the event's overall success.

Front-end Developer and Data Visualiser, Effective Altruism Data, Legal Priorities Project   Oct 2021 – Apr 2022

- Redesigned and improved the design of Effective Altruism Data, enhancing its functionality.
- Leveraged expertise in Python, Dash, and Plotly to optimize visualization and accessibility.
- Worked for the Legal Priorities Project to provide data visualizations for their paper, "Protecting Future Generations: A Global Survey of Legal Academics".

Publications

GameBench: Evaluating Strategic Reasoning Abilities of LLM Agents   Jul 2024

Anthony Costarelli, (...), **Arjun Yadav**

10.48550/arXiv.2406.06613