

# 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, English

Apr 2010 - Apr 2024

Sharjah, United Arab Emirates

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
- Decorated Member of Model United Nations Team

## EXPERIENCE

### Chief Technical Officer | Feed Forward

Aug 2024 - Present

Dubai, United Arab Emirates

- Collaborated to develop a platform facilitating easy food donations by connecting households and businesses with those in need.
- Contributed to building and refining the service's infrastructure, ensuring seamless user experience and efficient food collection logistics.
- Advanced the project further at Arrayah, a Middle East deep tech hacker space.

### Partnerships Team | Kickstart Global

Aug 2024 - Present

London, United Kingdom

- Part of the Partnerships Team at the UK's first cross-university incubator, focused on identifying and supporting the top 0.03% of early-stage startup talent from universities.
- Engaged in establishing partnerships with societies and start-ups across the UK in-order to identify top talent across the country.

### Deep Tech Intern | Arrayah

Aug 2024

Dubai, United Arab Emirates

- 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

Apr 2024 - Aug 2024

Montreal, Canada

- Former active member of Horizon Omega, a registered non-profit that focuses on AI safety research, collaborating on high-impact projects and fostering connections with experts in the field to deepen understanding of AI risks and ethics.
- Assisted in organizing and hosting the Provable AI Safety Seminars, contributing to the logistics and coordination efforts as part of the Horizon Events team.

### Partner | Offline Streaming Systems

Nov 2023 - Aug 2024

Dubai, United Arab Emirates

- Played a key role in developing and conceptualising offline streaming technology aimed at providing data accessibility in regions with limited connectivity.
- Selected for Arrayah, a Middle East deep tech hacker space, where I contributed to furthering the project's development through extensive research and prototyping.

### Committee Member | OptX UAE

Jan 2023 - Aug 2024

Dubai, United Arab Emirates

- 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

Feb 2024 - Jul 2024

- Completed both the AI Safety Alignment and Governance courses, gaining a solid foundation in key concepts such as AI ethics, alignment challenges, and policy considerations.
- Applied my learnings to real-world discussions and projects, advancing my understanding of AI safety and the implications of future technologies.

### Research Collaborator | Dioptra

Dec 2023 - Jul 2024

- Contributed to GameBench: Evaluating Strategic Reasoning Abilities of LLM Agents”.
- Assisted in developing GameBench, a benchmark that assesses the strategic reasoning capabilities of large language models (LLMs) across nine distinct game environments via developing on one of the game environments.

### Co-Founder | Effective Altruism UAE

Dec 2022 - Jul 2024

United Arab Emirates

- 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

May 2024

Sharjah, United Arab Emirates

- 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, playing a key role in enhancing the platform’s user interface and overall functionality.
- Collaborated with team members to integrate AI-driven tools that improved 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

Jun 2023 - Dec 2023

Sharjah, United Arab Emirates

- Conducted research on transformer-based models, contributing to a project aimed at addressing ghost images and enhancing image recognition technology.
- Gained hands-on experience with semi-supervised learning techniques and transformer models, which expanded my technical expertise in machine learning.

### Event Organiser | TEDxYouth@DPSS

May 2023 - Sep 2023

Sharjah, United Arab Emirates

- Led both the media and outreach teams for TEDxYouth@DPSS 2023: helping to both manage the event’s publicity, marketing efforts and social media campaigns, as well speakers and funds.
- Oversaw event logistics, ensuring seamless operations and 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.

Oct 2021 - Apr 2022

### Front-end Developer and Data Visualiser | Effective Altruism Data, Legal Priorities Project

- 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 Legal Priorities Project to provide data visualisations for their paper, “Protecting Future Generations: A Global Survey of Legal Academics”.

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## PUBLICATIONS

### GameBench:Evaluating Strategic Reasoning Abilities of LLM Agents

Jul 2024

Anthony Costarelli, Mat Allen, Roman Hauksson, Grace Sodunke, Suhas Hariharan, Carlson Cheng, Wenjie Li, Arjun Yadav

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## SKILLS AND INTERESTS

- **Programming:** Python, JavaScript (React.js, Next.js), Java, LaTeX.
- **AI & Math:** AI Safety, Linear Algebra, Multivariate Calculus (Certified).
- **Public Speaking:** Model UN (Best Delegate x2, Best Speaker, Outstanding Delegate).
- **Effective Altruism:** Facilitated EA Virtual Programs’s In-depth program, accepted and attended EAGxOxford 2022.
- **Environmental Awareness:** Led several dialogues on environmental issues, helped to organise large events such as flash mobs.
- **Writing:** Lead an active blog on my personal website (arjunyadav.net), former beta-reader for Holden Karnofsky.