ARYAN KUMAWAT

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Penultimate-year Bachelor of Advanced Computing student at The University of Sydney, focusing on data-driven problem solving, financial modeling, and applied analytics

Education

2020-01 - 2022-04

IBDP (International Baccalaureate Diploma Program)
Jayshree Periwal International School - Jaipur, Rajasthan

Gained an overall IB score of 39/45, with subject excellence endorsement in Physics, Mathematics AA, Computer Science, Economics, English and Hindi.

2022-07 - 2026-07

Bachelor of Advanced Computing (Double Majoring in Data Science and Finance)
University of Sydney - Sydney, Australia

- Sydney India Scholar scholarship recipient
- Sydney International Student Award

2024-01 - 2024-07

Cybersecurity Bootcamp at edX x University of Sydney
University of Sydney - Sydney, Australia

Focused on Offensive and Defensive Security, System Administration, Network Security, and Security Fundamentals

Experience

2020-08 – 2022-04

School Captain
Jayshree Periwal International School
- Led and represented over 2000 students, organized events, and coordinated with staff to address school-wide issues.

2020-04 – 2022-04

Founder
The Astronomy Club
- Founded and led the Astronomy Club, teaching astrophotography and fundamental astronomy, enabling students to excel in NASA's 'Cubes in Space' competition and organizing deep space observation events.

2021-05 – 2021-08

Founder
Utsaah
- Founded Utsaah, a non-profit that collaborated with NGOs to educate over 100 high school students from Nepal.

2023-08 – Present

ENGO Peer Mentor
- Mentor first-year students in the ENGO Peer Mentoring Program at USYD, offering academic and social support while fostering community and collaboration

2023-03 – 2024-01

Design Director
SUMS (Sydney University Mathematics Society)
- Led SUMS' design Strategy, creating engaging visuals and a unified brand identity, while guiding a skilled team to deliver impactful designs and forge strong partnerships.

2024-05 – Present

Academic Tutor
Ezy Math Tutoring
- Teaching grade 1 to grade 10 student stem subjects (Mathematics, physics, computer science, Biology)

| 2024-08 – Present | **Social Media Officer - Operations** |
| | *Sydney UAV Engineering* |

- Develop and implement social media strategies, manage content, monitor trends, and analyze metrics to enhance engagement and support event promotion for Sydney UAV Engineering.

| 2024-08 – Present | **Outgoing Global Volunteer(oGV)** |
| | *AIESEC Australia Ltd* |

- Participate in international projects addressing social issues, engage in community outreach, and develop cross-cultural communication and leadership skills while fostering global citizenship through AIESEC Australia.

| 2024-08 – 2024-09 | **Analyst Trainee** |
| | *Sydney Impact Investing (SUIIS)* |

- Completed a 5-week impact investing program, engaging in case studies, investment analysis, and pitches, while honing skills in impact measurement, risk assessment, and portfolio construction.

| 2024-05 – Present | **Digital Impact Tech Consultant** |
| | *180 Degrees Consulting Sydney* |

- Leveraging data science and finance expertise to optimize digital strategies and drive social impact for nonprofits, while collaborating with a team to deliver actionable insights and recommendations through cutting-edge technology

Work Experience / Internships

| 2019-2020 | **Teaching Assistant** |
| | *Pushpak Tutorials* |

- Provided one-on-one and group tutoring in IGCSE Physics and Mathematics, adapting teaching methods to diverse learning styles and assisting students in mastering complex concepts

| 2020-02 – 2020-05 | **Software Intern** |
| | *BYJU'S* |

- Contributed to the development of a cloud-based e-learning platform for BYJU'S, enabling integration across multiple LMS, and collaborated with the software development team

| 2020-05 – 2020-08 | **Tech and Research Intern** |
| | *Akross Solutions* |

- Collaborated with the design team at Akross Solutions, a startup focused on combating COVID-19, to develop a functional model of a sanitization tunnel

| 2020-09 – 2020-12 | **Software Intern** |
| | *SRD Softech* |

- Developed a system to predict employee computer access needs, optimizing data access levels based on role to prevent potential misuse

Skills

Technical Skills
- Proficiency in data analysis and programming
- Cybersecurity (offensive/defensive security, network security)
- Software development (e-learning platforms, predictive analytics))
- Proficient in Tableau, R-studio

Non-Technical Skills
- Leadership and management
- Teaching and mentoring
- Problem – Solving
- Decision making, team collaboration, complex problem solving, troubleshooting, relationship building

Volunteer Experience

- Fundraiser, The Meal Project, Mumbai, India
- Volunteer, Robin Hood Army, Rajasthan, India
- Director of Fundraising, Dalhousie COVID-19 Resource (DCR), I created and managed Dalhousie Covid Resources (DCR) team portal and raised funds to help over 300 police personnel with safety kits and multi-vitamin pills.
- Collaborator, Smile Foundation, India, I am the Founder of Aasha organization which collected INR 3.5 Lakh and paid for the education of over 150 children of a tribal village (Amba Kheda, Madhya Pradesh), by collaborating with Smile Foundation., Our organization paid for the education services of the children for 1 year.
- Core Team Lead, Rising hopes, Rajasthan, India: educated 70 children over 2 months and conducted 40 engaging sessions.

Honors And Achievements

Trinity college of London (Traditional) Grade 4
Issued by Trinity College of London · Jul 2021

Best Intern Award
Issued by Akross Solutions

Certificate of Appreciation
Issued by Rising Hopes (Community services/non-profits)

Letter of Appreciation
Issued by Deputy Superintendent of Police (DSP), Dalhousie.

Letter of Appreciation
Issued by Smile Foundation (Community services/non-profits)

Letter of Appreciation
Issued by Akross Solutions

Letter of Appreciation
Issued by Chairman of Municipal Council Sikar

Letter of Appreciation
Issued by MLA (Member of the Legislative Assembly)

Drive Link: [Honors and Awards - Google Drive](#)