

ADIT LOHANI

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SUMMARY

Currently a first-year undergraduate Electrical Engineering student at the University of Technology Sydney. Demonstrated ability to thrive in high-demand environments through managing correspondence with satellite officials from various countries and companies during my time at Avenues TV. Known for being hardworking, detail-oriented, hardworking, and eager to support others in their learning journey, with a commitment to delivering clear and comprehensive explanations.

EDUCATION

Bachelor of Engineering - BE, Electrical and Electronics Engineering in Electrical and Electronics Engineering, University of Technology Sydney Jul '24 — Aug '28
NSW, Australia

- Member of Engineering Society (EngSoc)
- Fundamentals of C Programming, Introduction to Electrical and Electronic Engineering, Mathematics 1, Physical Modelling

GCE CAIE AS & A Levels in Physics, Chemistry, Further mathematics, Mathematics, English Language, Budhanilkantha School May '16 — Aug '23
Nepal

- Grades: 2A*, 2A, 2B
- Winner of Budhanilkantha School Science Expo x 2 (2018 & 2019)
- Principal's Merit List Awardee x 12
- Gold Medal, National SET expo, Second prize, XFest
- Served as the Academic Captain and the Deputy School Captain

EXPERIENCE

Mathematics Tutor Nov '23 — Jun '24
Mero Siksha Kathmandu, Nepal

- Successfully tutored students to improve their grades from C to A in mathematics.
- Provided personalized instruction by guiding students through questions and equations, ensuring a deep grasp of concepts.
- Utilized simulations and creative animations to make complex mathematical topics engaging and intuitive.
- Developed innovative teaching methods to suit various learning styles, boosting students' comprehension and retention.

Intern at Satellite, Electronics & Communications Department Jul '23 — Feb '24
Avenues Television Kathmandu, Nepal

- Installed and managed Ubuntu Server, handling network operations including FTP, intranet, and internet.
- Supported satellite communication systems and troubleshooting electronic equipment under tight, live-broadcast deadlines.
- Assisted in setting up broadcasting equipment, often required to perform tasks in under 30 seconds during live events.

Academic Captain and Deputy School Captain Apr '22
Budhanilkantha School Budhanilkantha, Nepal

- Led school initiatives as Deputy School Captain fostering a positive environment through effective leadership and teamwork.
- Coordinated academic activities and support programs as Academic Captain, enhancing student engagement and performance
- Represented the student body in meetings and events, advocating for student interests and working to address their concerns.

SKILLS

Technical Skills Educational Technology, Troubleshooting, Mathematics, Robotics, AutoCAD, Circuit Design, Electrical Engineering Technology, C, Python, Arduino, MATLAB

Soft Skills Willingness To Learn, Leadership, Teamwork, Critical Thinking, Problem Solving, Attention to Detail, Adaptability

AWARDS

Gold Medal, Nepal Chemistry Olympiad Apr '23

Gold Medal, National SET Expo. Nov '22

First Position, District Mathematics Olympiad Aug '22

CERTIFICATIONS

Introduction to Calculus

University of Sydney

Introduction to Power Electronics

University of Colorado Boulder

REFERENCES

Sanjay Shrestha

Chief Administrative Officer,
Avenues Network Pvt. Ltd.
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Pranav Basukala

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