Divyana Ahuja

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WORK EXPERIENCE

Jan 2026- March 2026– **MONASH AI INSTITUTE** POSITION: Machine learning(AI) **Intern**
- Building a **Machine learning mode**l that provides teachers with recommendations for student team formation to improve student learning outcomes and reduce staff time spent managing teams.
- I am on the development team, researching optimal models and **methods for predicting efficient team**s. Using **Pandas, scikit-learn and Databricks** to make the model.

Nov 2024- Jun 2025 – **SAFETECH LTD**   POSITION: Software/IT **Intern**
- Collaborated with the finance team to **streamline domain migrations** by scripting SAP installations via PowerShell and **decreasing migration time by 70% per device.**
- I helped strengthen security by identifying problems through phishing tests and implementing VPN and two-factor authentication.
- **Improved the scalability of company phone database**s by transferring data from a Microsoft list using **Microsoft's Power BI,** which allows users to print a PDF of the phone list and view data via the company platform.

June 2021 – **TATA CONSULTANCY**   POSITION: Software **Intern**
- Presented a software solution for HR automation within the office, which increases productivity within the office. **Awarded the best design award for the GoIT girl internship project**.
- Effectively pitched to senior executives and stakeholders in the IT industry by TCS.

CLUBS AND PROJECTS

Jan 2024- Current –**GOOGLE DEVELOPER GROUP**   POSITION: **Vice President**
- Planned and executed tech events, workshops, and Google Developer speaker sessions on technologies using Gemini and Tensorflow.
- Coordinated internal communications, recruitment efforts, budgeting, and meeting schedules.
- Documented key decisions such as troubleshooting documentation for technical workshops and maintaining accurate records to ensure smooth operation.

2024 –**MONASH ASSISTIVE TECH TEAM**   POSITION: **Lead Software Developer**
- Using Python (MediaPipe), I designed a program that enables the blind to experience dancing through sound projection. Getting the opportunity to present the design at SXSW. My_GitHub , webpage_of_project

COMPETITIONS

- **AUCP(Adelaide University Coding Competition)** - Top 5
  2026 | Entered in my frist competitive coding competition and won the 5 place out of 45.

- **AI4Good Global Hackathon** — Top 10 Globally
  2025 | Led a global team in developing the Microclimate Carbon Planner to reduce global emissions through planting

- **IMC Trading Bot Competition** — First Place
  2024 | Designed and optimised a high-performance trading algorithm that earned the highest amount

EDUCATION

Monash University **-Bachelor's of Engineering and Information Technology** graduating: 2028
Majors**: Software Engineering(major: AI development) and Cybersecurity**

 Skills: Python(mediapipe,numpy, Pandas), C, SQL, HTML, JavaScript(basics), Figma, Bass44