



Aishwarya Singh

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🎓 EDUCATION

- 2019 – Present
Singapore
Nanyang Technological University, *Bachelor of Engineering in Computer Engineering* [🔗](#)
• Specialization: **Data Science & Artificial Intelligence**
- 2017 – 2019
Singapore
Global Indian International School, *International Baccalaureate Diploma - High School Degree* [🔗](#)
• Final Score: 42/45 points

💼 PROFESSIONAL EXPERIENCE

- 01/2022 – Present
Singapore
Web and Mobile Development Intern, *Panasonic Research and Development Center* [🔗](#)
• *Developed* a web application controller for an inspection robot
• *Proposed* solution architecture for cloud deployment of mobile application
• *Programmed* the mobile application's backend and deployed it to Microsoft Azure Services.
Tech Stack: Flutter, Java, AWS, Azure, Video Analysis, JavaScript, HTML+CSS, ROSLib JS
- 08/2021 – 10/2021
Singapore
Data Science Intern (Part time), *Ubisoft* [🔗](#)
• *Improved* accuracy of existing recommender system by **2.7%**
• *Built* a Deep Neural Network based recommendation system (using collaborative filtering)
Tech Stack: Python, Deep Neural Networks, Collaborative Filtering, Hyperparameter Tuning
- 05/2021 – 08/2021
Singapore
Software Engineering Intern, *TAIGER* [🔗](#)
• Automated backend services of 'Search' product
• Wrote unit tests for data crawlers
Tech Stack: Java, Shell Scripting, Python


🧠 TOP SKILLS

Python	● ● ● ● ●	JavaScript	● ● ● ● ●
Android Application Development	● ● ● ● ●	Web Development	● ● ● ● ●
Microsoft Azure (Cloud)	● ● ● ● ●	Docker	● ● ● ● ●

📁 TOP PROJECTS

- CoviFit**, *Boosting fitness during pandemic times* [🔗](#)
• *Developed* the backend architecture of the web application
• *Trained* and fine-tuned the motion tracking algorithm
• *Programmed* the online video session feature
Tools: HTML, CSS, Flask, OpenCV, Python, Twilio API
- Jugaad**, *Unified platform for setting up and accelerating your business online* [🔗](#)
• *Developed* website's frontend
• *Integrated* owner-facing ChatBot
• *Programmed* the livestreaming platform
Tools: ReactJS, HTML, Firebase, DialogFlow, Heroku
- TrailX**, *Android Application designed to allow users to explore and discover walking trails in Singapore* [🔗](#)
• *Integrated* and *programmed* server side logic for Mapbox API
• *Developed* the in-app music player for the application
• *Programmed* the backend architecture
Tools: Android Studio, Kotlin, Firebase Auth, Mapbox API

ORGANISATIONS AND LEADERSHIP

Institute of Electrical and Electronics Engineer (IEEE) @ NTU, Events Chairperson 

Conducted one of *South-East Asia's largest* student run hackathons, with a participant pool of 700.


Google Developer Student Clubs (DSC) @ NTU, Lead 

Conducted Google Developer Student Clubs Singapore's largest event of the year: Hackfest 2022 @Google Office, Singapore

CERTIFICATES

- Stanford: Machine Learning
- Career Edge: Knockdown the Lockdown - TCS iON
- The Ultimate Guide to Game Development with Unity

AWARDS

HackAlliance - Interdisciplinary Hackathon, NTU College of Engineering in partnership with Dell Technologies 

Dr. Abid Hussain Award for Academic Proficiency

GSF President's Award for All Round Excellence

Dr. APJ Abdul Kalam GIIS Award for Academic Proficiency