

Samyuktha Pugalanthi

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[LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

EDUCATION

Sophomore at Singapore Management University 3.64/4.0 GPA **Singapore**
BSc Information Systems (Business Analytics, Digitalisation & Cloud Solutions) *Aug '22 - May '26*

- **SMU Golf:** Member of the university's official golf club with regular weekly sessions
- **Ellipsis:** Professional Development Director 23/24 for the student body of SMU's computing faculty
- **The Mentoring Circle:** Mentee, PR Executive for Odyssey 2023 (SMU's largest networking event)
- **SMU Verts:** ExCo Member, PR Director of SMU's official sustainability club with over 500 members

Raffles Institution **Singapore**
Singapore-Cambridge GCE A Level (H2: Physics, Chemistry, Mathematics, Economics) *Jan '20 - Dec '21*

- **Raffles Debaters:** Competed at the international and national level
- **Monday Enrichment Programme, Chemistry Olympiad:** Selected and completed the programme which offered intensive chemistry lessons at an advanced level

WORK EXPERIENCE

Infocomm Media Development Authority **Singapore**
Green Tech Stack Intern *May '23 - Aug '23*

- Co-developed an ESG framework for ICT companies in Singapore for ensuring compliance and sustainability.
- Represented the organisation in meetings with key industry partners like IBM and CSA, focusing on Quantum-safe communications.
- Coordinated a sustainability roundtable with industry leaders, including Microsoft, IBM, and the Green Software Foundation at Asia Tech x Singapore: ATxSG.
- Analysed sustainability trends, guidelines, frameworks, and funding opportunities.
- Researched and summarised Green Software Foundation's software engineering use cases for sustainability.

Merdeka Collective **Singapore**
Community Manager *May '23 - Present*

- Lead the recruitment of profound startup founders in Singapore to join the organisation
- Organised community events for founders aiming to harness the power of social capital within Singapore

PROJECT EXPERIENCE

Project ECommunity **Singapore**
Full-stack Developer *Aug '23 - Nov '23*

- Built a sustainability themed website, focused on enabling Singaporeans to locate and contribute in community gardens easily, create and join sustainability based community workshops.
- Uses a real-time data set from data.gov.sg, Google Earth, Cronofy, AWS S3, OWASP Zap

Project Do.Re.Mi **Singapore**
Facilitator, Presenter *Aug '22 - Nov '22*

- Collaboration with Mediacorp under the 'Introductory Statistics X' module to take a deep look into the radio-listening and television watching preferences of Singapore using statistical and analytical tools.
- Represented 40 students and presented the findings to over 120 students and invited guests including Senior Minister Tan Kiat How.

HACKATHONS/COMPETITIONS

1st Runner-Up, Code for Cities 2022 Hackathon *Aug '22*

- Developed a quantum machine learning solution on the enhancement of early detection of natural disasters using QC applications such as photon entanglement and QML to detect early signs of earthquakes.

Top 30, Ninja Van Code Dojo 2023 Hackathon *Feb '23*

- Built an AI model to recognise real payment screenshots and a chatbot integrated into Facebook to facilitate automatic order placements from Facebook Live selling.

Finalist, PITCH IT! 2022 Competition *Oct '22*

- Proposed a B2B platform for sourcing ready to sell products with full market and business analysis for a business pitch competition with teams participating from all Singaporean universities.

SKILLS

- Proficient in Python, JavaScript (Vue.js, React), HTML, CSS (Bootstrap), PHP (MySQL)
- Proficient in Notion and Microsoft Office (Word, Excel, PowerPoint)
- Languages: English (Native), Tamil (Native)