

# Samyuktha Pugalanthi

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Portfolio Website | LinkedIn | Github

## Education

**Singapore Management University**, BSc Information Systems  
Majoring in Business Analytics, 2<sup>nd</sup> Major in Artificial Intelligence

**Singapore**  
Aug'22 - May'26

- **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

## Internships

**Software Engineering Intern**, Neurobus – Paris, France

May'24 - Jul'24

- Neurobus is a deeptech startup that uses neuromorphic communications to improve spacetechnology.
- Created the company website using Next.js to help elevate their online presence and visibility to investors.
- Boosted lead generation by 15% through improved site navigation and call-to-action optimization.
- Worked at Station F, Europe's largest startup campus under the HEC Paris Incubator as part of the Global Innovation Immersion programme.

**Technology Analyst Intern**, IMDA – Singapore

May'23 - Jul'23

- Analyzed sustainability trends, guidelines, frameworks, and funding opportunities.
- Utilised Green Software Foundation's software engineering use cases for sustainability.
- Co-developed an ESG framework for ICT companies in Singapore for ensuring compliance and sustainability.
- Represented the organization in meetings with key industry partners like IBM and CSA, focusing on Quantum-safe communications.

## Hackathons/Competitions

**Top 30, Ninja Van Code Dojo 2023 Hackathon**

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

**1<sup>st</sup> Runner-Up, Code for Cities 2022 Hackathon**

- 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.

**Finalist, PITCH IT! 2022 Competition**

- Proposed a B2B platform for sourcing ready to sell products with full market and business analysis for a business pitch competition with esteemed venture capitalists supporting the competition.

## Projects

**Community Gardening Website**, Full-stack Developer

Aug'23 - Nov'23

- Collaborated in a team of 4 to create a 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
- Uses Google Maps API to render the live locations of real community gardens in Singapore

## Technologies

**Languages:** JavaScript, Typescript, Python, SQL, Bash

**Frameworks:** Flask, Next.js, Vue.js, Docker, Bootstrap, MySQL

**Cloud Computing Services:** Amazon EC2, Microsoft Azure

**Tools:** Tableau, PowerBI, Jira