

ZULFAQAR HAFEZ

+65 9882 5024 • 2401578@sit.singaporetech.edu.sg • www.linkedin.com/in/zulfaqar-hafez

PROFILE SUMMARY

Data-driven Applied AI undergraduate at the Singapore Institute of Technology with a strong focus on transforming complex datasets into actionable insights. Experienced in leveraging Python, machine learning, and interactive dashboards to drive strategic decision-making in civic-tech and hackathon environments. Passionate about bridging the gap between technical data analysis and real-world community impact through visualization and storytelling.

EDUCATION

Singapore Institute of Technology (SIT) **Sept 2024 - Present**
Bachelor of Science (Honours) in Applied Artificial Intelligence

- A multidisciplinary program combining machine learning, data analytics, and software engineering, designed to train industry-ready AI professionals. The curriculum emphasizes AI ethics, computer vision, natural language processing, and intelligent systems design, with practical exposure to real-world applications through capstone projects and industry collaborations.

Republic Polytechnic (RP) **Apr 2019 - May 2022**
Diploma in Business Information Systems

EXPERIENCE

Product Manager (Citizen Developer), People's Association **Sept 2025 - Present**

- Serve as Project Manager for *Churp*, a CIT-funded digital solution improving transparency and efficiency in community-garden plot allocation.
- Lead cross-functional collaboration between citizen developers, PA mentors, and technical volunteers to deliver project milestones.
- Oversee UI/UX validation and stakeholder communications to ensure alignment with civic engagement goals.
- Manage documentation, sprint planning, and deployment preparation for pilot testing in Tengah community gardens.

Order Management Specialist Intern, Infineon Technologies **Mar 2021 - Aug 2021**

- Developed and deployed a Python-based web scraping system using Selenium and BeautifulSoup to automate semiconductor market data collection, reducing manual research time by 80% and improving accuracy of supply forecasts.
- Handled delivery note (DN) creation and coordinated with Customer Logistics Managers from Japan to ensure timely and accurate shipment processing across regional supply chains.
- Supported daily order management operations, assisting in documentation, scheduling, and communication between logistics and production teams to maintain on-time delivery performance.

CO-CURRICULAR ACTIVITIES/COMMUNITY SERVICE

President, SIT Magical Hearts **Jan 2025 - Present**

- Act as the official spokesperson representing SIT Magical Hearts at university and partner organization events.
- Planned and executed club activities and community outreach programs, including "Magical Outreach Workshop" for elderly and special-needs beneficiaries.
- Increased active membership and volunteer participation by over 40% through improved event structure, publicity, and engagement.
- Lead a 4-member executive team in coordinating logistics, partnerships, and event scheduling across SIT campuses. Collaborate with SIT advisors and NGOs to align projects with community service and inclusion objectives.

CERTIFICATES & SKILLS

- AI4I® Literacy in Artificial Intelligence, AI Singapore, 2024
- Skilled in applying machine learning, computer vision, and data analysis to real-world problems through tools like TensorFlow, scikit-learn, OpenCV, and Pandas. Experienced in developing predictive models, conducting exploratory data analysis, and deploying AI prototypes that support community innovation, social impact, and decision-making insights.

COMPETITIONS

Hack for City 2025 – SMU Smart City Society (Finalist) Mar 2025

- Developed a ResNet-based computer vision model for trash-type detection, integrating classification and visual analytics to support sustainable waste management initiatives. Delivered a functional prototype under time constraints while handling model development, data preparation and front end development.

Community Hackathon 2025 – Open Government Product (CIT-Funded) June 2025 – July 2025

- Served as Project Manager for *Churp*, a CivicTech platform improving transparency in community-garden plot allocation. Oversaw project planning, stakeholder engagement, and UI development, coordinating with PA mentors to deliver a polished prototype that secured S\$20,000 in CIT funding for continued development and pilot testing.