

Experience

<b>Singapore University of Social Science</b>	<b>2023-05 - 2023-11</b>
Engineer	
<ul style="list-style-type: none"><li>Manage and coordinate several project tasks involving a wide range of technologies, including Python 3.8.10, Ruby, Jekyll, Git, and Jupyter Lab.</li><li>Assisted in developing command-line interface actions using packages, allowing for streamlined configuration management, directory scaffolding, and encryption/decryption actions for enhanced security.</li><li>Proactively employed coding defensively and followed best practices, ensuring the robustness and reliability of deliverables.</li></ul>	

<b>Temasek SkillsFuture Academy</b>	<b>2021-03 - 2021-10</b>
DevOps Teaching Assistant	
<ul style="list-style-type: none"><li>Delivered lesson materials on Python, Microsoft Azure Fundamentals, Terraform, and Ansible, ensuring effective knowledge transfer and skill development among students.</li><li>Organized class materials, summarizing daily lessons to enhance clarity and comprehension for students.</li><li>Played a key role in troubleshooting technical issues, resolving 80% of the installation and coding challenges faced.</li><li>Actively collaborated with the Lecturer weekly to review student concerns, identify areas of improvement, and brainstorm solutions.</li></ul>	

<b>Corsiva Lab</b>	<b>2020-07 - 2020-12</b>
Web Development Intern	
<ul style="list-style-type: none"><li>Developed dynamic websites using ASP.NET C#, HTML, and CSS, ensuring seamless functionality and user experience.</li><li>Leveraged Microsoft Azure SQL for optimized and customized databases.</li><li>Meticulously documented projects, facilitating smooth handover and comprehensive understanding.</li><li>Maintained records of scope, milestones, and technical specifications for effective collaboration and knowledge transfer.</li><li>Collaborated with cross-functional teams, delivering web projects within tight deadlines.</li><li>Demonstrated multitasking and prioritization skills, achieving high-quality results while managing competing demands.</li></ul>	

Education

<b>Singapore Management University</b>	<b>2021-08 - 2025-05</b>
Information Systems	Bachelor of Science
3.45 / 4.0	
<ul style="list-style-type: none"><li>Ngee Ann Kongsi Scholar (2023)</li><li>Vice-President, SMU eSports</li><li>Education Director, Coders Assembly</li><li>Received 2023 VMWare Tanzu Award for Enterprise Solution Management (IS214)</li><li>Teaching Assistant for IS214 AY23/24</li></ul>	

<b>Temasek Polytechnic</b>	<b>2018-04 - 2021-05</b>
Information Technology	Diploma with Merit
3.90 / 4.0	
<ul style="list-style-type: none"><li>Director's List (2019 - 2021)</li><li>Winner, 2019 PolyFinTech100 API Hackathon, InsureTech Category</li><li>Shortlisted Participant, Tech For Good Social Innovation Challenge 2019 - Member of Informatics &amp; IT Studies Club</li></ul>	

Projects

<b>Mobile Application for the Visually Impaired</b>	-
Shortlisted and showcased to the public in Tech For Good 2019	
<ul style="list-style-type: none"><li>Led a small team to develop an application designed to assist visually impaired individuals in safely crossing traffic junctions</li><li>Implemented image classification techniques and utilized Tensorflow Lite and Google Cloud Console to train an Artificial Intelligence model for accurate detection and guidance.</li><li>Demonstrated strong leadership skills, decision-making abilities, and problem-solving capabilities throughout the project lifecycle.</li></ul>	

<b>AI-enabled Insurance Website</b>	-
InsureTech Category Winner for 2019 PolyFinTech100	
<ul style="list-style-type: none"><li>Led the development of an Angular website targeting millennials, aimed at helping them find suitable insurance agents through an AI model.</li><li>Incorporated and trained the AI model using a combination of fieldwork data collected and data provided by the mentor.</li><li>Developed and executed project plans, setting clear objectives, timelines, and deliverables for the team to achieve project goals.</li></ul>	

<b>Computational Program to search for Viral Species Jump</b>	-
Solo A*STAR Project that was awarded Huawei International Project Prize (Top 3 Outstanding Major Project Students)	
<ul style="list-style-type: none"><li>-Independently analyzed and studied DNA sequencing utilizing a dataset provided by A*STAR, effectively identifying patterns and insights.</li><li>Tested and applied the A* Pathfinding Algorithm to determine possible mutations within a DNA sequence, leveraging computational techniques for accurate analysis.</li><li>Visualized the algorithm in network and subgraphs, creating intuitive representations of the DNA sequencing and mutation patterns for enhanced understanding.</li></ul>	

References

<b>Dr. Edirisinghe EM Nalaka S</b>	<b>Mr. SankaraRajulu Sundara Rajulu</b>
Deputy Director, Temasek Polytechnic	Course Chair, Temasek Polytechnic

<b>Awards</b>			
<b>VMWare Tanzu Award</b>	<b>2023-05-01</b>	<b>Edusave Skills Award</b>	<b>2021-12-01</b>
VMWare Tanzu		Temasek Polytechnic	
Top Project Group for 2023		Top 10% of graduating cohort and	Most Transformative Award
Enterprise Solution Management		have demonstrated excellent professional and soft skills throughout the course of study, and good conduct.	2019-07-01
			Prudential
			Winner for InsureTech Category for 2019 PolyFinTech100 API Hackathon