Tan Ming Li, Natalie

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EDUCATION

National University of Singapore Aug. 2020 – Present
Bachelor of Computing (Honours) in Computer Science
- Expected Date of Graduation: Dec 2023

Purdue University Aug. 2022 – Dec. 2022
Student Exchange Program (SEP)

Singapore Polytechnic Apr. 2017 – May. 2020
Diploma in Information Technology (With Merit)
- Final Cumulative GPA: 3.946/4.0

EXPERIENCE

Centre for Strategic Infocomm Technologies May. 2022 – Present
Cloud Engineer Intern
- Automated existing workflows on company's cloud service lines via scripting. Technologies used: PowerShell, PowerShell DSC
- Integrated automation scripts into the organisation's service line.

Nyx Intelligence Jul. 2020 – Present
Freelance Software Developer
- **PolicyXchange Pte Ltd** – Developed a Customer Relationship Management insurance website for Financial Agents to manage their clients and policies. Technologies used: ASP.NET Core, Vue.js, Azure.

Centre for Strategic Infocomm Technologies Oct. 2019 - Feb. 2020
Frontend Software Developer Intern
- Developed an e-forms builder and management prototype tool. Technologies used: Vue.js, Vuetify.
- Developed reusable modules for the existing in-house enterprise web applications. Technologies used: Vue.js, Vuetify, Java Spring Boot.

PROJECTS

NUS Orbital 2021 - Project Gemini (Intermediate)
- Developed a cross-platform menubar application that allows users to quickly record and transcribe their notes. Technologies used: React, Electron, Node.js, Mozilla Deepspeech API
- Communicated with team advisor on team's progress, and maintained project documentation and deliverables.

E-commerce Website for KidZania Singapore
- Designed and developed an E-commerce website as the backend and DevOps lead for KidZania Singapore as part of my Final Year Project. Technologies used: Vue.js, ASP.NET Core, SQL Server, AWS (S3, EC2, Lambda, RDS, Route 53) services.
- Communicated with clients and supervisor on team's progress as the group leader and gathered feedback from clients. Final grade: Distinction

EXTRACURRICULAR ACTIVITY

SP SEED Student Interest Group
- Conducted extra self-learning outside normal curriculum and picked up new technologies such as Android Programming.
- Attended external meetups, workshops and networking events with SIG members.
- Organised and planned with committee members for the National Software Competition 2019 held in Singapore Polytechnic.

SKILLS

Languages : Java, C#, JavaScript, C, Python, PowerShell, HTML, CSS/SCSS, SQL, NoSQL
Frameworks, Libraries, Tools : Vue.js, React, ASP.NET Core, Amazon Web Services (EC2, Lambda, RDS, S3, Route 53), Firebase (Firestore), MS SQL Server, MySQL, MongoDB, Android Studio, Git, GitHub, GitLabs, BitBucket