Isabelle Pak Yi Shan
Student at Ngee Ann Polytechnic

About Me

I have always been amazed by the power of technology and its positive impact on humans. Pursuing a Double Degree in Computer Science and Business Administration in NUS and specialising in Software Development in the future is what I aspire. I believe every challenge and adversity contains within it seeds of opportunity and growth. I continuously strive for excellence knowing that it is my attitude towards work, and not my aptitude alone, that will ultimately determine my altitude.

Contact

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LinkedIn
https://www.linkedin.com/in/isabelle-pak-a23068211/

Github
https://github.com/isabellepakyishan

Education

2021 - Present
Ngee Ann Polytechnic

Diploma in Information Technology
- Cumulative GPA - 3.9492
- Expected year to graduate - 2024

2016 - 2020
Paya Lebar Methodists' Girls School (Secondary)

GCE O Levels
- L1R5 - 12 points
- L1R4 - 9 points

Achievements & Awards

2022 - Present **CSIT Diploma Scholarship Holder**
Awarded in recognition of good academic record and conduct, and passion for computing and technology

2021 - 2022 **NP School of ICT Director's List**
Awarded to top 10% of students for the semester

September 2021 **NP Faculty Merit Award**
Awarded to recognise all-rounded students with good academic results and strong core values.

2018 **Distinction in ABRSM Grade 8 Piano**

2015 **Edusave Scholarship Award**
Awarded to students within top 10% of school's level and course in terms of academic performance, and have demonstrated good conduct.

Co-Curricular Activities & Community Service

March 2022 - Present **Ngee Ann Polytechnic School of ICT**
Overflow SIG - Assistant Head of Operations
- Oversee operations of weekly Overflow sessions
- Assist Head of Operations in running events smoothly

July 2022 **Digital Clinic @ Radin Mas Community Centre**
- Conducted session for elderly to learn how to troubleshoot issues faced daily with mobile devices
- Assisted in live demonstrations & creation of lesson material

March - August 2019 **Student Volunteer @ Assisi Hospice**
- In charge of replenishment of amenities in wards
- Assisted in meal preparation during the meal times

2017 - 2020 **Paya Lebar Methodists' Girls School (Secondary)**
Class Esther
- Oversees the well-being of fellow peers in class
- Hold weekly prayer meetings on Thursday mornings before assembly with other Class Esthers across cohort

Skills

Computer Languages	Python HTML5, CSS, JavaScript SQL C#, C++ Java LINQ
Technologies	ASP.NET Core MVC Robotic Process Automation (RPA) Android App Development Git
Paradigms	Functional Programming Object-Oriented Programming Design Thinking
Software	Microsoft Word, Powerpoint, Excel Microsoft Power BI Adobe Photoshop, Premiere Pro, Illustrator, XD Figma Visual Studio Code, Visual Studio SQL Server Management Studio VMWare Visual Paradigm UiPath Studio & Orchestrator LINQPad
Course Certifications	UiPath RPA Developer Foundation Workato • Automation Pro I Certificate • Automation Pro II Certificate LinkedIn Learning • NoSQL Essential Training • Learning C++ • Artificial Intelligence Foundations - Machine Learning • Data Fluency - Exploring and Describing Data
Languages	English (Spoken and Written) Chinese (Spoken and Written) French (Foundational)

Referees

Ms Lee Ching Yun
Senior Manager, School of InfoComm Technology, Ngee Ann Polytechnic
Email
lee_ching_yun@np.edu.sg

Dr Joel Yang
Deputy Director, School of InfoComm Technology, Ngee Ann Polytechnic
Email
joel_yang@np.edu.sg

Projects

CRM System
Web Application Development (WEB)
Link to Bitbucket Repository

Developed a customer relationship management system with the aim of enabling retailers to maintain good relationships with customers

Stocks Analysis
Technology for Financial Industries (TFI)
Link to Youtube and Poster

Automated the scrapping & analysis of Tesla's shares from MacroTrends to determine if Tesla is a good investment

Freeflow
Mobile App Development (MAD)
Link to Google Play Store

Developed a mobile application aiming to improve productivity and collaboration of both individuals and teams

Movie Ticketing System
Programming II (PRG2)
Link to Bitbucket Repository

Applied concepts of object-oriented programming to computerise movie ticket sales processes

Fontrivia
Interactive Development (ID)
Link to Fontrivia

Created an interactive application tapping on gamification concepts to create a more visual and fun experience for end-users to learn about different typographies

Personal Website
Interactive Development (ID)
Link to Website

Applied concepts of web development (HTML, CSS, JS) to create my personal resume site

Simp City Game
Programming I (PRG1)
Link to Github Repository

Applied relevant programming concepts taught in daily lectures to code a city-building strategy game using Python

Safari
Design Principles (DP)
Link to Designs

Utilised Design Thinking methodology to redesign Safari's app icon & create impactful splash screen & infographics

Whale Phishing
Cyber Security Fundamentals (CSF)
Link to Lesson on Whaling

Created a user-friendly bite-sized lesson based on the concept of whale phishing using WiX