Bryan Chew

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Temasek PolyTechnic - Information Technology

INFORMATION TECHNOLOGY

Motivated and results-driven Information Technology student seeking an internship opportunity within a dynamic organization. Offering a strong foundation in software development, network management, and cybersecurity, with hands-on experience in developing applications, managing databases, and ensuring system security. Eager to contribute technical skills, problem-solving abilities, and a collaborative spirit to help drive innovative IT solutions and support organizational goals.

KEY COMPETENCIES

Technical Proficiency	Data Analysis	Adaptability
Problem-Solving	Cybersecurity Awareness	Attention to Detail
Project Management	Communication Skills	Collaboration

IT-RELATED EXPERIENCES

GeekOut Hackathon   **2023**

Developed a cycling app aimed at reducing carbon emissions by encouraging more people to cycle. The app features route tracking, community challenges, and rewards to motivate users, leading to a significant increase in local cycling activity. Worked closely with a multidisciplinary team to ensure the app was user-friendly and aligned with sustainability goals, and also for a seamless experience for the users.

Sabine, a personal AI assistant as a Telegram Bot   **late 2023 - present**

Developed a personal AI assistant as a Telegram bot hosted on Google Cloud, leveraging OpenAI models to offer a wide range of capabilities, including video and image analysis, text and voice note processing, pdfs and zip files processing, image generation, Google search functionality, chat history access, and storing of notes and reminders. The bot is designed with scalability in mind, allowing for the integration of future features like enhanced code interpretation and understanding, and more.

Denise, a personal AI voice assistant   **2024 - present**

Programmed an AI voice assistant that operates on my laptop, designed to assist with everyday tasks. The assistant possesses abilities like taking a look at my screen when i tell it to, monitoring system activities like volume levels, offering features such as file management (CRUD operations on files and folders) and system control (adjusting volume, screen brightness, and managing applications). This ongoing project is set to expand with future integrations, including calendar and reminder functionalities, communication with messaging platforms like Telegram and Gmail, media control via the Spotify Web API, programming automation tasks, and more.

EDUCATION & CERTIFICATIONS

O-Level Certificate
Date: 2019 - 2022

NON-RELATED EXPERIENCES

Kumon Staff
Date: 2020 - 2022

Uniqlo Temp Staff
Date: NOV 2022 - JAN 2023

HANS Part Time
Date: FEB 2023 - JUNE 2023

Buddy Hoagies Part Time
Date: JUNE 2024 - CURRENT