SENG ZHEN HONG

HP: 98626474   Email: e0960559@u.nus.edu

EDUCATION

National University of Singapore   **Aug 2022 - Aug 2026**
Bachelor of Computing in Computer Science
- Minor in Entrepreneurship

PROJECTS

Evolve
- Created a Django-based AI journaling website utilizing Neo4j for graph-based insights and LangChain with OpenAI for Retrieval Augmented Generation (RAG). Features include AI-driven identity analysis, habit tracking, and personalized data visualization.

Edven
- Developed a website enabling users to perform Retrieval-Augmented Generation (RAG) on their own documents. Implemented features for uploading documents in various formats and utilised Openai API and Langchain to produce precise outputs.

INTERNSHIP & WORK EXPERIENCE

Software Intern, Volkswagen AG, Singapore   **Sep 2024 - Dec 2024**
- At Volkswagen Regional Aftersales (VRAS), my role involves analysing supply chain processes to identify opportunities for RPA solutions using Automation Anywhere, including automating invoice creation. I collaborate with different departments, present potential cost savings and efficiency improvements to stakeholders, provide training on deployment, and support developers as an RPA subject matter expert.

EXTRA CURRICULAR ACTIVITIES

Social Impact Catalyst, Member   **Jun 2023 - Jan 2024**
- As a software engineer and advisor in an incubation program, I researched, identified solutions, developed prototypes, and contributed to a project helping Singaporean designers find freelance jobs and build portfolios.

Startup Semester   **Sep 2024 - Nov 2024**
- Selected for a competitive startup mentorship program to develop a startup idea with real users over 10 weeks, working closely with experienced founders, culminating in a demo day presentation.

ACHIEVEMENTS

- Top 5 team in NUS Social Impact Catalyst Ignition Pitch 2023
- Represented NUS to participate in Asian Business Plan Competition 2024
- Quest Ventures Venture Leader scholarship recipient

SKILLS

- Proficiency in programming languages Python, Java, C++
- Experience in utilizing various artificial intelligence models, workflows and concepts, such as OpenAI, Langchain, GraphRag.

- Proficiency in applying ML algorithms for data analysis and prediction.
- Experience in NLP techniques
- Proficiency in backend frameworks like Django and Ruby on Rails
- Proficiency in frontend frameworks like React, HTML, CSS, and Javascript
- Proficiency in integrating third-party services and APIs
- Experience in deployment, Docker, Kubernetes, and Google Cloud Platform (GCP), Choreo, Vercel
- EExperience with Software Development Lifecycle (SDLC) methodologies
- Experience in AutomationAnywhere, PowerAutomate, SAP
- Experience in PowerBI