Jessie Tuan

Aspiring software developer with one-year experience in responsive and secure web development using Reactjs for Front-end development and Nodejs, C#, Python for back-end development. Currently doing active research in the field of machine learning and AI by building chatbots and expert systems based on Python libraries.

📍 Australia

Email: nga08102004@gmail.com

Shecodes Hackathon 2nd Place Award - Issued by Shecodes Vietnam

Design a job assignment board to improve working efficiency among team members.

Team members: 3.
Role: Back-end development with Nodejs/Expressjs framework, Postgresql database,
UI design with Figma.

Work Experience

Software Developer
AUG Student Services

11/2022 - 5/2023

Melbourne, Victoria

Maintain and upgrade backend server with horizontal scaling - Increase the number of requests handled by 30%.
Work on the neat and efficient design of the user interface.
Apply natural language processing techniques to build an educational consulting chatbot.
Secure the website with firewall service, authentication and authorization with JWT and CSRF tokens.

Projects

Dec 2022 - Mar 2023

Home doctor - Online prescription
La Trobe University

Healthcare prescription website: 2-role model: Doctor and Patient.
Features of this website: doctor give prescriptions to patients on by searching and adding medicine to sidebar, patient can view their prescription and customise purchased items, patients can book medical checkups and receive confirmation through mail service.

Demo link: https://www.youtube.com/watch?v=xvsPv7iFk5A

| Mar 2023 - Mar 2023 | | **PhoneCode-Generator-Algorithm** |
| | | La Trobe University |

Use backtracking algorithm to generate different permuted phone number letter codes for securely masking users' phone numbers.

Link: https://github.com/janicetimelessbeauty/Phonecode-Generator-Algorithm

| Sep 2022 - Dec 2022 | | **Realtime-chat-app** |
| | | La Trobe University |

Chat-app coded with ReactJs for front-end, Nodejs and MongoDB for back-end. Integrated by Socket.io. Best features: 1. Set unlimited random avatars 2.Emoji Chat 3. Unique feature: Busy Mode - senders receive notifications if they send messages during recipient's busy time period.

Link: https://github.com/janicetimelessbeauty/Real-time-chat-app

Education

2021 - 2024

La Trobe University

Bachelor of Computer Science

Grade: 89/100

Skills

- Python
- API Development
- Spring MVC
- JavaScript / ES6 / jQuery
- Shell/Linux
- C++ object-oriented design
- Java Core
- Firebase

Languages

- English — Professional Working Proficiency
- Vietnamese — Native
- Chinese — Intermediate