NGHIA HOANG

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EDUCATION

THE UNIVERSITY OF ADELAIDE **March 2021 - November 2023**
Bachelor of Computer Science
GPA: 6.88/7.00
Global Citizens Scholarship

EXPERIENCE

RESEARCH INTERN **University of Adelaide** **July 2021 - Present**
- Develop an AI system to help agents win a game by optimizing their cumulative regret.
- Apply Counterfactual Regret Minimization (CFR) into multi-agent reinforcement learning.

PROJECTS

COFFEE MANAGEMENT *(ReactJS, Node.js, Express, MongoDB)* **October 2021 - January 2022**
- Developed a website app helps coffee shop staff control and manage customers' drinks orders and available tables.
- Used ReactJS, Node.js and MongoDB to create interactive effects and store data of orders and tables.

EXPANDABLE FORM *(ReactJS, Node.js, Express, MongoDB)* **December 2021 - February 2022**
- A website app helps users creating their own form with different fields and viewing their forms across different platforms such as iPhone X, iPad Pro, …
- Used MERN stack to develop the website which is easy to use, and the forms can be modified into different sizes.

TO DO LIST *(ReactJS, Node.js, Express, MongoDB)* **September 2021 - October 2021**
- Developed an app that allows users add, check, and remove their tasks.
- Used MongoDB to store the tasks they want to do and ReactJS to create UI/UX for the project.

MONMON *(C++)* **September 2021 - October 2021**
- A role-playing game based around building a small team of monsters to battle other monsters. These monsters are divided into different types, such as earth and fire, …
- Used C++ and object-oriented programming to create player, monsters, and items in the game.

ACTIVITIES

JUNCTIONX HANOI **October 2021**
- Collaborated in a team of 5 members to design a web-based system for managing dynamic forms, which are reusable across platform within 48 hours.

U-INVENT **October 2019**
- Qualified with 1st place.
- Create a program that can detect facial expressions through 58 different face landmarks, designed to reduce the effects of anxiety disorder and post-traumatic stress disorder.
- A bulb lights up whenever a user smiles and it can detect frowns as well as false smiles. It does this through detecting the distance between different points on user face.

ROBODNIC **May 2019**
- Design and create a robot which can be controlled by console to perform basic skills such as moving, speeding up, picking up and dropping objects.

SKILLS

Proficient: Python | JavaScript | ReactJS | C++
Familiar: MATLAB | R | GitHub | TypeScript | VS Code | MongoDB | Express | Node.js