Nguyen Pham

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EDUCATION

University of Adelaide   **Adelaide, South Australia**
Mar 2023 – Oct 2026

- o **Major:** Bachelor of Computer Science.
- o **Concentrations:** Modelling/Simulations**.**
- o **GPA:** 6.25/7.0
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Object-Oriented Programming, Statistics & Applications**.**

PROJECTS

Pong

- o A simple implementation of the classic Pong game. Play against challenge the AI on this retro-style game. The game is fully functional and can be played directly in the browser.
- o Tools: JavaScript, HTML, Phaser.

Wordle

- o This is a web-based implementation of the popular word puzzle game where you guess a 5-letter word within six attempts. The game provides feedback on each guess to help you figure out the correct word.
- o Tools: JavaScript, HTML, Phaser.

GeoGuesser

- o GeoGuesser is a geographic trivia quiz Android app that tests users' knowledge of the world. Players are presented with various geographic-related questions, such as capitals, countries, landmarks, and more, and they must select the correct answer from multiple choices.
- o Tools: Java, Android Studio (Kotlin and Android's native UI components).

COMMUNITY

Ravi's Study Program   **From 2024**

- o Member of coding bootcamp which offers experience on resume, study algorithm theory, practise programming problems, and conduct live mock interviews

COURSES

CS50 Introduction to Computer Science   **Online course**
2023

- o **Topics:** abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development.
- o **Languages:** C, Python, SQL, and JavaScript plus CSS and HTML.

CS50 Introduction to Programming with Python   **Online course**
2023

- o **Topics:** handle exceptions, find and fix bugs, and write unit tests; use third-party libraries; validate and extract data with regular expressions; model real-world entities with classes, objects, methods, and properties; and read and write files.
- o **Languages:** Python.

SKILLS

Language: Python, JavaScript, Java, SQL, MATLAB, C++, C, HTML/CSS.
Tools: Jupyter Notebook, Git, React, Node.js, Android Studio.