

NHAT TRANG

COMPUTER SCIENCE

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EDUCATION

BACHELOR OF SCIENCE COMPUTER SCIENCE

Fall, 2018 – June, 2022

University of Washington, Tacoma

- Computer Programming I/II/III: (Java) Knows all the basics of Java, Data Structures and Algorithms.
- Database Systems Design: Design sophisticated database System with all the normal forms. Use SQL to get, add, and update database's data.
- Intro to Machine Learning: Linear Regression, ID3, K-Nearest Neighbor, Naïve Bayes, Bayesian network, neural network, perceptron, Convolution Neural network.
- Web Programming: (Html, CSS, JavaScript) Create webpages, web game, learn to use Socket.IO, understand server and client interactions.
- Mobile Application Programming: (Java, JavaScript, SQL) Build a messaging and weather application using android studio, Git, VSCode and Heroku. Learn about activity lifecycle, view models, authentications.
- Software Development and Quality Assurance Techniques: Software development life cycles, Pillar of OO, Solid Principles, Agile manifesto, Extremes programming, Multitude of Design patterns.

WORK EXPERIENCE

Business/Finance Staff

Tet In Seattle

Winter, 2019 – Current

- Build an informational webpage showing unique qualities different businesses
- Contacts and builds partnerships with businesses
- Search for sponsors and vendors to participate in the event
- Collaborate and vocalize plans and ideas to effectively tackle the problems

Employee

University of Washington, Seattle

Spring, 2019 – Spring, 2020

- Operate the register, handling cash, credit and debit
- Responsible for providing information regarding the buildings and consumer products
- Maintain bowling machineries, fixing them and logging in problems
- Help customer navigate through computer software, and console apps.

RECENT PROJECTS

2D platformer: <https://nhatt499.github.io/2DNinjaGame/>

Winter, 2022 – Spring, 2022

- A 2D side scrolling game that feature ninjas, knights and slimes.
- Built to be a speed run but it becoming more like an adventure game

Munchkins: <https://desolate-sands-04926.herokuapp.com/>

Fall, 2021 – Winter, 2022

- A multiplayer card game inspire by munchkin
- Originally built only on the client side but was reform to adapt for multiplayer

PROGRAMING LANGUAGES

Java

Python

SQL

Binary/Assembly

JavaScript

HTML/CSS

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