QUANG VINH DANG

Vancouver BC | 778-318-5772 | qvd@sfu.ca | https://github.com/qvd808

Technical Skills --

Programming Skills & Languages:
- o **Programming Languagues:** C, C++, Javascript, TypeScript, SuiteScript, Rust, Python, etc.
- o **Frontend Development:** ReactJs, React Native, Bootstrap, CSS, HTML, etc.
- o **Backend Development:** Node.js, Express.js, PostgresSQL, Firebase, ElysiaJs, etc.

Soft Skills --

Leadership: Have experience in leading a team to compete in competitions and building projects.
Analytical: Identifying and fixing flaws in software, as well as optimizing it.
Communication: Effectively interact with customers and kitchen staff.
Teamwork: Keep calm and considers everyone's viewpoints before making a final decision.

Work Experience --

Software Engineering   Jan 2024 – Present
CJSF 90.1 – Burnaby, B.C.
Skills: React Native, React, JavaScript
- o Collaborated seamlessly with team members to contribute to testing and the development of applications, enhancing overall app performance.
- o Utilizing React Native and JavaScript expertise to resolve bugs within the "playList" features, resulting in a notable 20% increase in application speed.

IT Associate/Junior Software Engineer   Sep 2022 – Dec 2023
Atimi Software – Vancouver, B.C.
Skills: React Native, Python, Power Automate, Firebase, Powershell, SuiteScript, etc.
- o Leveraging React Native and Firebase to develop a mobile application showcasing SRED and demonstrating machine learning principles.
- o Employing Python, PowerShell, and Power Automate to efficiently manage company assets and equipment, automating various tasks for streamlined operations.
- o Utilizing JavaScript and Power Automate to construct a bot that efficiently handles internal HR tasks, enhancing accuracy and speed in the entry of employee information.

Personal Projects --

Writing an operating system from scratch   Jan 2024
Skills: C, bash, qemu
- o Utilizing C to statistically write data into memory and presenting text for operating system.
- o Leveraged the efficiency of bash scripting to automate tasks, streamlining the process of building a kernel from source files

Personal Projects --

Flappy bird bot   **Dec 2023**

Skills: Python, Pytorch, numpy, etc.

- o Crafted an engaging Flappy Bird game entirely from scratch using pygame, designed to accept input from both players and the program itself.
- o Dived deep into the game mechanics, meticulously researching and selecting the optimal algorithm for training the bot to conquer the challenges of the Flappy Bird game.
- o Successfully training state of the art AI, showcasing its prowess with an impressive average score of 200.

VIRENTO – Online Renting Platform   **Mar 2022 – Aug 2022**

Skills: React, NextJs, NodeJs, Express, AWS, etc.

- o Led a team of three members to built a website that allows users to rent out their belongings.
- o Stored the items posted by the clients in a PostgreSQL's database and displayed them on the website.
- o Designed a user-friendly responsive website with Bootstrap 5 that operates on variety of screen sizes

Forget Me Not   **Apr – Aug 2022**

Skills: Java

- o Planned and Developed a mobile application that help caregivers and dementia patients to connect online and sing together.
- o Documented meeting notes and recorded the development of the application to adapt to changes requirements of the projects.
- o Helped the user communicate with each other through video calls on mobile using an API provided by VideoSDK.

Education ---

Bachelor of Computing Science | SFU, Burnaby, B.C.   **Sep 2021 – Present**
- o GPA: 3.2/4.33

UTP Stage II: Computing Science | FIC, Burnaby, B.C.   **Sep 2020 – Jul 2021**
- o Honor Roll

Volunteer ---

Sports Coach's Assistant   **Mar – Apr 2020**
Gladstone Secondary School – Vancouver, B.C.

- o Collaborated with team members to assist the instructor to help children improve on sports.
- o Interacted with elementary school students to learn more about them, thereby supporting and encouraging them to participate in learning sports.