

KEVIN VAN NGUYEN

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banunu.dev

TECHNICAL SKILLS

PROGRAMMING: C/C++, Go, Python, JavaScript, TypeScript, Java, SQL, HTML / HTMX, TEMPL, CSS / TailwindCSS, React

TOOLS: Unreal Engine, NodeJS, SQLite, MongoDB, Firebase, Figma, Docker, Git, Linux, Neovim, NextJS

PROJECTS

Network Royale | Terminal Based Networked Multiplayer Game | [Github](#) Nov 2024 - Dec 2024

Academic Project | C, Ncurses, SDL2, CMake

- Final project testing my understanding of network protocols, serialization, concurrency, multiplexing, and design.
- Game elements were added as a bonus, this included Ncurses for rendering and SDL2 for gamepad input.

ASCII Roguelike | Video Game | [Github](#) July 2024 - Sept 2024

Personal Project | Python, Tcod, NumPy

- Traditional Roguelike game with procedurally generated levels, combat, and save data.
- Many object-oriented design choices were used along with an entity component system.

Pawfolio | Full-Stack Web Application | [MVP](#) | [Github](#) April 2024 - May 2024

Academic Project | NodeJS, Javascript, MongoDB, EJS, HTML, CSS, FullCalendar

- User-friendly booking and scheduling service to help dog trainers easily connect with their clients.
- As the team's tech lead, I reviewed pull requests, designed and maintained the database, implemented the scheduling component utilizing the FullCalendar library, and developed a real-time direct messaging service.
- This project was planned over 2 weeks and developed in 3 weeks using Agile methodologies.

BusRoots | Mobile Web Application | [MVP](#) | [Github](#) Sept 2023 - Dec 2023

Academic Project | NodeJS, Javascript, Firestore, HTML, CSS

- Two person team project designed as an eco-incentive for users to travel by bus.
- My role focused on the main functionality of the app, which utilized Translink's API to track distance. This distance is converted to points, stored in Google's Firestore database, and presented to the user.

EDUCATION

Computer Systems Technology Diploma | Data Communication & Internetworking Sept 2023 - May 2025

Set Representative | British Columbia Institute of Technology | Burnaby

Undergraduate Studies in Sport Science Jan 2019 - Sept 2023

Douglas College

Undergraduate Studies in Business Administration Sept 2015 - May 2018

Simon Fraser University

EMPLOYMENT

Assistant General Manager Sept 2021 - Aug 2024

Steve's Poke Bar | Surrey, BC

- Worked closely with the owner to create initiatives for promoting sales and employee skill development.
- Systematically handled inventory and supply management to ensure fresh stock.

ACTIVITIES & INTERESTS

- Active member of BC Powerlifting Association as a coach, official referee, and competitor since 2018.
- Playing and developing video games - mainly RPGs and competitive fighting games.
- Currently learning how to draw and make art