



Daniel V. Nguyen

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Skills

Languages:

- Java
- JavaScript
- C#
- C/C++
- HTML
- Kotlin
- Bash
- Python
- LUA

Technologies:

- Android Studio / IntelliJ
- Visual Studio / VS Code
- Google Cloud Platform
- RESTful APIs
- Agile
- ReactJS
- Node.js
- Next.js
- Scrum
- JUnit
- Git
- OOP
- TDD
- CI/CD
- SQLite
- TinyDB

Work Experience

Code Ninjas | Code Instructor and Educator

Dec 2021—Present

- Mentored and taught students how to code, script, and develop their own games and projects
- Utilized JavaScript, C#, and LUA in order to help automate processes at the application level
- Emitted fundamental topics in computing and software/game design, aided in debugging programs
- Authored and pilot-tested courseware for game design using Scratch and Unity targeting adolescents

Project Experience

Duck Hunt | SystemsHacks 2022: Quackathon

Feb 2022

- Developed a *Kotlin* application using Google APIs to provide real-time data about nearby water bodies
- Utilized Google Maps SDK for geo-location, ensuring the user can utilize the app around the world
- Leveraged Google Clouds Platform to use Google Workspace APIs, resulting in high productivity
- Enhanced user experience by updating the interface in real-time and using APIs for fast data retrieval

SFU Gobbles | Fall Hacks Hackathon at Simon Fraser University

Dec 2021

- Developed a hackathon game using Java that placed 2nd out of 100 people and was awarded \$300
- Leveraged CI/CD workflow by using multiple feature branches, resulting in less merge conflicts on Git
- Ensured perfect code quality by code reviewing every merge request coming from teammates
- Devised automated unit tests with JUnit for 100% code coverage, ensuring zero bugs or defects

Portfolio Website

Dec 2021

- Designed and developed a personal portfolio website with JavaScript and the React UI framework
- Built custom components using Node.js and Next.js, resulting in better speed and performance
- Developed an interactive UI/UX by verifying the compatibility with both desktops and smartphones
- Utilized Cloudflare Workers serverless platform, resulting in effortless backend adjustments

Practical Parent App

Oct—Dec 2021

- Developed a semester-long project using Java and Android Studio IDE with three other developers
- Utilized Scrum framework to lead daily stand-up meetings, ensuring smooth workflows as a team
- Incorporated Agile methodologies during development to quickly adapt to requirements changes
- Designed NoSQL databases using TinyDB to efficiently save information on tasks for the end-user

Education

Simon Fraser University

Sep 2020—Jun 2024 (expected)

- BSc. Candidate in Computing Science, **3.56 CGPA**
- Awarded the The BC Achievement **Scholarship**

Burnaby, BC