

Tung “Bill” Nguyen

Software Engineer

(Portfolio) tungfolio.netlify.app/ 

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Skills

Programming Languages:

PHP, Java, C, C#, C++, HTML, CSS/SCSS, TypeScript, JavaScript, Assembly, Python, SQL

Libraries & Frameworks and Servers:

Apache, JQuery, .Net, React, Junit, Node.js, Express, Jenkins, Bootstrap, MVC

OS, APIs and Tools:

Linux, Windows, Git, Netlify, Postman, EmailJS, Leaflet.js, JDBC, Java SWING

Databases:

MySQL, Microsoft SQL Server, PostgreSQL

Projects

PORTFOLIO WEBSITE — *HTML, CSS, SCSS, JavaScript, EmailJS, Leaflet.js*

- Created a portfolio web app using advanced REACT features.
- Animated 3D animation, letters on hover and loading animation using Animate.css and REACT-Loaders.
- Created and implemented contact form in REACT using EmailJS.
- Added map to website using Leaflet.js.

OTHELLO GAME APP — *Java, Java SWING*

- Created the app's UI using Java SWING GUI components.
- Added simple network functionality and chat bar for users.
- Added debug mode and the ability to change skins for both sides, increasing player's enjoyment.
- Wrote complex algorithm for predicting available moves, opened up the possibility of developing an AI opponent.

WINDOWS NOTEPAD CLONE — *Java, Java SWING*

- Designed and tested the app's UI to be similar to Windows 10's Notepad for increased UX.
- Implemented reading, editing and saving for .txt files.

TOURISM & TRAVEL WEBSITE — *Java, SQL, HTML, CSS, JavaScript, Apache Tomcat Server, Microsoft SQL Server*

- Designed and implemented website's database system using CRUD functions.
- Developed 3 main modules: login authentication, tour management and customer management system.
- Dealt with customer registration using Java and SQL.

Education

ALGONQUIN COLLEGE OF APPLIED ARTS AND TECHNOLOGY, OTTAWA — ONTARIO COLLEGE ADVANCED DIPLOMA (COMPUTER ENGINEERING TECHNOLOGY - COMPUTER SCIENCE)

2019 - 2022

- CUMULATIVE G.P.A – 3.85 / 4.0
- DEAN'S LIST 2019, 2020, 2021, 2022

FPT UNIVERSITY — VIETNAMESE UNIVERSITY BACHELOR'S DEGREE (COMPUTER SCIENCE)

2017 - 2019

- GRADE – 72/100%

Experience

TEAM LEAD @ Makerfurniture Startup

January 2021 – December 2021

- Managed a team of 4 on developing an app based on Uber that allow user to create projects that local woodworkers can accept and deliver the product to the client.
- Collaborate with all team members to write reports for the client, set up meetings and document the development process.
- Designed the app's database on Google's Cloud, wrote SQL statements for querying and created backups for the whole database.