Phu Duc Nguyen

Current Address: nphu01@vt.edu

Blacksburg, VA 24061   (540) 988-6514

EDUCATION

Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA 24060

B.S in Computer Science   Expected Graduation: May 2024

WORK EXPERIENCE

ISTT Information Services & Technology Transfer Co., Ltd

Intern Software Developer   Sep 2020 – Dec 2020

- Supported in building micro-services system using an API Gateway for VNPT Spoofing to detect fake international calls by query information of subscribers.
- Partnered with a senior developer team to implement REST API with Spring Boot, used PostgreSQL for database management.
- Create API Endpoint for reading data from given SQL.
- Completed training program for Golang and Java Spring Boot framework.
- Developed given tasks using JHipster for better Microservices architectures.

ADT creative interactive production company

Intern Software Developer   Jul 2018 – Aug 2018

- Designed websites using HTML and CSS
- Familiarized with Microsoft Office (Words, PowerPoint, Excel, …) for formatting documents, analyzing data, and broadcasting a slideshow.
- Used Git with senior developer team for project's version control.

PROJECT

Subscription Streaming Service Website   Sep 2022 – Oct 2022

- Built a streaming service website using Python Django to enable users' authentication system, provided permissions to Sign in/Sign up new account, validated email and strong password.
- Used Tailwind CSS for quicker and more detailed website.
- Queried data from SQLite database using Python Django and display in HTML.

Audio Streaming App   May 2022 – Jul 2022

- Programmed using Kotlin on Android Studio Code that can play music when the user closes the application, and users can pause/play and move to the previous/next song, the app can also search for music based on artists, album, or genre, and can create, edit, and share their private playlist.
- Implemented Search-on-type for search box using Coroutines to make database calls.
- Contained all of the networking operations in the ViewModel to ensure that the UI can find the references during screen rotation and even when the user close the application.

COVID-19 Data Tracker   Nov 2021 – Dec 2021

- Used Java to create a GUI Window that will present COVID patient's data from different races and states.
- Developed a calculator to calculate the CFR (Case Fatality Rates) and to sort them in both alphabetically and in descend order.
- Programmed a dataReader to take in a filename then reads the file of all the states and the cases and deaths for each race.

SKILLS

- Java (Spring Boot, JHipster), Kotlin, Golang, Python (Django), C Programming language, Assembly, SQL (PostgreSQL, SQLite, MySQL), HTML/CSS
- Microsoft Excel, PowerPoint, Project, Word
- English, Native Vietnamese, Japanese