Vicky Nguyen

"positive attitude, good communicator, not afraid to ask questions"
- a team lead at Helm Operations

viennguyen@uvic.ca
(+1) 250-813-3186
 github   linkedin

Education

Expected August-2022 University of Victoria Bachelor of Computer Science   *8.17/9.0 GPA*

Related Coursework:

Algorithms and Data Structures, Database Systems, Software Development Methods, Human Computer Interaction, Operating System, Programming Languages, Foundations of Computer Science

Activities:

President of the **UVic Programming Club** (Jan 2021 - now),
Member of Women in Computer and Engineering (WECS) (Jan 2019 - now)

Experience

Helm Operations - Full Stack Software Developer   *Jan 2020 - Aug 2020 / Victoria, Canada*

- 8 months coop at a company that develops management software for work boat companies.
- Implemented new features using JavaScript, Knockout.js, HTML/CSS for frontend development, C# and SQL in the backend.
- Wrote end to end tests using Puppeteer.
- "Good at APIs and API tests" - a team lead.

Floating Cube Studios - Quality Assurance (part-time)   *Nov 2017 - Mar 2018 / Vietnam*

- Worked for a company that provides Point of Sale system after graduating from high school.
- Tested the software by giving different inputs and working with POS Peripheral products such as barcode scanners, barcode printers, and receipt printers.
- Took screenshots of issues and sent them with descriptions to Telegram Messenger.

Projects

UVic Spookathon:

Built a web app that creates spooky story based on user's action choices in 3 hours. Won 1st Prize in UVic Spookathon 2019 (Google Text to Speech, Javascript, HTML/CSS).

Kattis Performace Tracker:

A Flask app that keeps track of the problem solving statuses on Kattis website. I used Requests to log in the profile page and BeautifulSoup to get data. SQLite to store information and get records by grouping them by date and statuses. Flask template, Javascript, and HTML/CSS to render processed information on a calendar.

IELTS Speaking Simulator:

Android app that helps people practice speaking English for IELTS exam. Built with Java and Android Studio. SQLite to store questions. Android SpeechRecognizer to detect when the user speaks or stops and TextToSpeech to read the questions.

Kattis Solutions:

 Top 3 in UVic Kattis Ranklist. Took part in ICPC 2019 and Mar 2021. I learn some algorithms and solve problems in my free time.

An application to support information reception for the Deaf-Mute:

Mobile app that translates speech to Ho Chi Minh Sign Language. Won 2nd National Prize in Vietnam National Secondary Student Science and Engineering Fair (ViSEF) 2016-2017, a part of the ISEF. The program was built with C#, .NET Framework, and SQLite.

Skills

Proficient: Python, C++, JavaScript, Java

Prior Experience & Technologies:

C#, C, HTML/CSS, PostgreSQL, Flask, Node.js, Knockout.js, jQuery, Git

Industry Knowledge: Agile Methodologies, Web Development, Scrum