Vicky Nguyen

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Education

Bachelor of Computer Science   *8/9 GPA*

Expected graduation date December 2022. University of Victoria

Related Coursework:

   Algorithms and Data Structures, Database Systems, Software Development Methods, Human
   Computer Interaction, Operating System, Programming Languages, Compiler Construction

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-month internship 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