Nielson Trung

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EDUCATION

University of Calgary   Calgary, AB
Bachelor of Science in Computer Science   *Sept. 2017 – Dec 2021*

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS
Frameworks: React, Vue, Node.js
Developer Tools: Git, VS Code, Visual Studio, PyCharm, Eclipse

SUMMARY

Recent graduate from the University of Calgary holding a Bachelor of Science in Computer Science. Proficient in multiple programming languages with a highly transferable skill set seeking to obtain a position where I can develop my skills and knowledge. Self-motivated individual interested in developing productivity software solutions that automate or solve problems I encounter. A team-player with proven communication skills and a strong ability to handle multiple tasks under tight deadlines.

EXPERIENCE

Web Developer   Mar 2020 – Aug 2020
Electrical Design Management   *Calgary, AB*

- Identified and corrected issues discovered by stakeholder feedback
- Determined and implemented user needs by analyzing technical requirements
- Edited, wrote, designed, and maintained Website content
- Conferred with team members and stakeholders to resolve conflicts and prioritize requirements

PROJECTS

Calgary Covid-19 Tracker | *Python, JavaScript, Echarts.js, HTML, CSS, GitHub*   Jan 2021

- Created a choropleth map and calendar, visualizing the projected active cases of Covid-19 across Calgary's communities and daily historical active cases in the city.
- Effectively processed public data sets with over 160,000 rows

Pokemon Team Builder | *Python, JavaScript, HTML, CSS, React, GitHub*   Nov 2021

- Designed and developed a Single Page Application solution for a Pokemon database and team builder
- Managed over 1000 image assets and multiple JSON files totaling over 40,000 lines
- Effectively reduced loading times compared to other database sites by 80%

Zoom Note Taker | *Python, Python Tesseract, OpenCV, GitHub*   Oct 2021

- Implemented OpenCV with Python to automatically capture screenshots and compile notes during Zoom lectures with a 90% accuracy effectively reducing manual note taking times by 70%
- Developed for courses that did not provide course content outside of lectures and content without text highlighting
- Learned image preprocessing techniques such as thresholding to record and compile notes with a higher accuracy

Finance Tracker | *Python, JavaScript, HTML, CSS, GitHub*   May 2021

- Designed and implemented a finance tracker to visualize trends in historical and categorical spending
- Created to due a developed interest in personal finance during Covid-19 and inconsistencies in RBC's MyFinanceTracker reporting duplicated transactions and deficiencies in the user friendliness of their application