

# BRIAN PHAM

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## TECHNICAL HIGHLIGHTS

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### Programming Skills

- Object-Oriented Programming: Python, Java, C
- Tools: VS Code, Git, GitHub, Sublime Text
- Web development: JavaScript, CSS, HTML
- Operating systems: Unix (macOS), Windows, Linux (Ubuntu)

### Communication Skills

- Bilingual in English and Vietnamese.
- Used PowerPoint to prepare and deliver impactful presentations to faculty and peers.
- Worked in randomly chosen groups to complete a variety of tasks and assignments.
- Enjoy working with people of diverse backgrounds and cultures.
- Can work comfortably both individually and cooperatively.
- Wrote professional memos, proposals and technical reports.

### Software Skills

- Microsoft Suite: Word, Excel, PowerPoint and OneNote.
- Experienced in using Adobe Photoshop and Illustrator for photos editing and icon designs.
- Experienced in installing OS and setting up essential software for newly built computers.
- Efficient in diagnostics and bug-fixing on Windows, macOS, iOS, Android systems.

### Hardware Skills

- Experienced in building computers from separate components.
- Comfortable with troubleshooting and maintenance for computer hardware.

## TECHNICAL PROJECTS

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### Spotify to YouTube Playlist Converter

May 2021 – Jun 2021

*Skills: Python, Panda, APIs*

- Developed a Python automation script that takes a Spotify playlist URI as input and saves the playlist's information as a .csv file. The .csv file is then inputted into a secondary script that creates a YouTube Playlist using the data provided.
- Utilized Spotify Python API and YouTube Big Data API for making requests to Spotify and YouTube databases, respectively.
- Utilized Panda to create and format a .csv file containing each song's data.

### Calendar File C Filter – SENG 265: Software Development Methodologies

Sep 2021

*Skills: Virtual Machine (Vagrant), C, Git*

- Developed a C filter that takes a .ics file as input and outputs all events in a readable format with chronological order.

- Handled repetition using structures in C.
- Utilized a virtual machine to test and debug code in A Linux development environment.
- Utilized Git for version control.

### **COVID-19 Alert Tracker Project Proposal – ENGR 240: Technical Writing**

Aug 2020 – Dec 2020

*Skills: Microsoft Office (Word, Excel, PowerPoint), Report Writing, Teamwork*

- Proposed a software development project in a team of 4 students to solve the University of Victoria's budget issues by creating a heat map of each area on campus based on population, leading to better allocation of resources.
- Wrote a detailed research section on possible databases for use within the app.

### **Portfolio Website – CSC 130: World Wide Web and Mobile Applications**

Sep 2021 – Dec 2021

*Technologies: JavaScript, HTML, CSS*

- Developed a portfolio website using JavaScript, HTML and CSS.

## **EDUCATION**

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### **Bachelor of Science, Computer Science (3<sup>rd</sup> Year) - University of Victoria**

Sep 2019 - Present

- Theoretical computer science
- Software development and Web Development
- Testing and debugging
- Statistic and data analysis

### **Highschool Diploma - Mount Douglas Secondary School**

Sep 2018 – Jun 2019

- Modernized a website for the Web Development program.
- Produced a promotional video for Mount Douglas's sports program.

## **PROFESSIONAL WORK EXPERIENCE**

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### **In-Store Technician - Staples Victoria**

Jun 2021 – Aug 2021

- Diagnosed and troubleshoot customers' hardware and software to provide possible solutions.
- Performed repair on multiple operating systems such as iOS, Android, macOS, Windows, ChromeOS.
- Performed software installs, data transfers.
- Maintained repair paperwork through an in-house ticket handling system.
- Reorganized the tech room to maximize productivity.

## **OTHER WORK EXPERIENCE**

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### **Deli Service Clerk - Thrifty's Foods Hillside**

Oct 2019 - Present

- Worked in a fast-paced team-orientated work environment with a particular focus on customer service.
- Participated in conflict resolution, healthy communication, and crisis intervention training sessions.
- Inquire and recommend customers with products catered to their specific needs.
- Tracked and restocked inventory.

### **Co-Founder/ Label Designer - the Mythos Grooming**

May 2016 – Aug 2017

- Part of a 3-man start-up specializing in making hair products for men.
- Participated in experimentations leading up to the first Clay Wax formula and sold over 200 products.

- Designed the product's label using Adobe Photoshop.

## **INTERESTS AND HOBBIES**

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- Outdoor activities include hiking, biking and skateboarding.
- Strong interest in technology since a young age; owns and operates multiple devices with different operating systems.
- Computer building: built a custom computer from separately purchased components.
- Intermediate guitar player: currently have an Instagram dedicated to guitar covers.
- Amateur photo and video editor; took visual art in high school.
- Amateur concept artist: currently learning Clip Art Studio for concept art creation.