

Ali-Aryo Otufat-Shamsi

North Vancouver, British Columbia
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TECHNICAL SKILLS

Coding: C++-MatLabs-Python-VHDL

Computer Skills: MS Office&Teams-Spreadsheets-Databases-Google Workspace-AI Prompt

Software: VScode -Eclipse-Matlabs-LTspice-Solidworks-Quartus II-EAGLE-Adobe-Notion

Operation Systems: Microsoft Windows-macOS-Linux-Ubuntu-IOS-Andriod

Hardware: Soldering-Circuits-Breadboard-Oscilloscope-Function Generator-Multimeter

SOFT SKILLS

Communication Skills

- Clear and concise technical communication. Active listening and collaboration. Simplifying complex concepts for non-technical stakeholders.

Problem-Solving and Critical Thinking

- Analytical approach to complex problems. Innovative solutions through critical thinking. Track record of resolving technical challenges.

Adaptability and Learning Agility

- Quick learner of new technologies. Flexibility in changing project requirements. Commitment to staying updated and self-directed learning.

TECHNICAL PROJECTS

Multi-Part C++ Project

May 2023 - August 2023

Software Design and Analysis for Engineers, ENSC 251, SFU

- Proficiently developed and utilized different tokenizers in C++, enhancing skills in parsing and analyzing complex data structures effectively.
- Acquired hands-on experience in designing and implementing a tree-based file system, showcasing the ability to create efficient storage and retrieval mechanisms.
- Seamlessly integrate tokenizers and the file system, honing skills in teamwork, communication, and contributing to the overall success of the project.
- Demonstrated adaptability and problem-solving skills by overcoming challenges, further strengthening technical expertise and critical thinking abilities.

Python ExcelSorter

June 2023 - September 2023

Personal

- Developed a Python script that efficiently automates the sorting and statistical analysis of Excel files, streamlining data processing and saving significant time and effort for users.
- Displays and sorts data into various stats and percentages
- Demonstrated strong problem-solving skills by addressing various data inconsistencies and handling exceptions within the Python script, resulting in a reliable and user-friendly tool for data analysis and reporting.

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OTHER PROJECT

Website Development

April 2023 - July 2023

BF Interiors, Vancouver, British Columbia

- Developed a visually appealing website for BF Interiors, utilizing JavaScript to add advanced features.
- Created a responsive website for BF Interiors, ensuring optimal user experience across multiple types of devices.
- Designed professional and visually appealing business cards for BF Interiors, reflecting their brand identity and enhancing their marketing materials.

OTHER WORK EXPERIENCE

Social Media & Digital Marketing Manager

May 2023 - August 2023

Escape Adventures, North Vancouver, British Columbia

- Developed and executed comprehensive social media strategies to increase brand awareness and engagement.
- Led successful digital marketing campaigns, driving website traffic and generating leads.
- Created compelling content across various digital platforms, including social media, blogs, and newsletters.

Mountain Bike Coach

March 2022 - August 2023

Escape Adventures, North Vancouver, British Columbia

- Led coaching sessions at Escape Adventures mountain biking camp, guiding participants of all skill levels.
- Developed personalized training plans to improve mountain biking skills and build confidence.
- Promoted a safe and inclusive learning environment, emphasizing teamwork and responsible biking practices.

Base Operations

October 2020 - January 2022

Cypress Mountain, West Vancouver, British Columbia

- Strong Communication & Customer Service, provided exceptional service, leveraging effective communication skills to ensure seamless guest experiences.
- Creative Problem-Solving and demonstrated adaptability and resourcefulness, efficiently resolving challenges within a fast-paced environment.
- Collaborative and fostered a positive work environment through active collaboration, contributing to efficient operations and delivering high-quality service

EDUCATION

Bachelor of Applied Science - Engineering (BAS)

September 2022 - Present

Simon Fraser University, Burnaby, BC Canada

INTERESTS

The Royal Conservatory of Music (RCM) Level 8

2013-2021

- Demonstrated discipline and commitment through completion of RCM exams
- Developed attention to detail and accuracy while learning complex piano compositions.
- Gained performance experience, building confidence and resilience through recitals and RCM exams.