

JENNA LEE

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TECHNICAL SKILLS

Languages

- o C/C++
- o Python
- o HTML/CSS/Bootstrap 4/JavaScript
- o Swift

Software

- o **Development:** Visual Studio Code, Atom, Xcode
- o **Operating Systems:** Windows, macOS, Linux
- o **Design:** Procreate, Figma, Blender, Adobe Animate 2021, Justinmind

TRANSFERABLE SKILLS

- o Confident communication and teamwork skills from group projects, part-time work, and volunteer experience
- o Strong problem-solving abilities and can adapt to situations as a food service employee
- o Dedication to learning through independent projects, volunteer work, and extracurricular opportunities

TECHNICAL PROJECT EXPERIENCE

Implexis AI • AI4Good Lab

May/2022 – June/2022

- o Collaborated in small teams to build a machine learning prototype that identifies a user's political stance from their social media feed and recommends differing posts to promote understanding and empathy
- o Experimented with BERT-Fine Tuning, Support-Vector Machines, Naïve Bayes Classifier, and a Recurrent Neural Network to determine the most accurate model using a dataset
- o Conceptualized a website and chrome extension using Figma to present to teams and executives on Demo Day

Python-ish Interpreter • Data Structures and Programming, SFU

May/2022 – Aug/2022

- o Simulated an interpreter for programs written in Python-like syntax and translated into an expression tree using C++
- o Programmed the interpreter to support print, assignment, if/elif/else, and while statements as well as exception handling in equations and assignments that cause runtime errors
- o Implemented a dynamic set using a hash table with open addressing and quadratic probing to store variables

Interactive Playlist • Data Structures and Programming, SFU

May/2022 – Aug/2022

- o Developed a song storage system using C++ to manage and edit songs in the playlist efficiently
- o Implemented the playlist using a Linked List ADT to optimize search, swap, add, and remove functions
- o Designed a user-friendly interface for users to interact with the program in real-time

PERSONAL PROJECTS

Personal Website • Web Development

May/2022 - Present

- o Constructed a website using HTML, CSS, and Bootstrap 4 to showcase my design and web development portfolios
- o Learned Front-End and Back-End Web Development and Design through website creation and Udemy
- o Created multiple website projects to experiment with various designs and functionalities

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PERSONAL PROJECTS (CONTINUED)

Pantree • iOS Application

Sept/2020 – June/2021

- o Programmed a mobile iOS application using Swift, Xcode, to manage food inventories and reduce food waste
- o Designed a modern user interface by applying design principles and colour theory in mockups using Justinmind
- o Learned Swift and Xcode through the process of making the mobile application, YouTube, and Codecademy

NON-TECHNICAL WORK EXPERIENCE

Freshii, Port Coquitlam, BC • Team Member

June/2021 - Aug/2021

- o Assisted customers by explaining menu items, answering questions, and identifying allergens or dietary restrictions which ensured their safety and satisfaction.
- o Trained new team members according to company standards which maintained an efficient workflow and positive team morale.
- o Prepared menu items independently and cooperatively while managing in-store, online, and catered orders to achieve a positive customer experience.

VOLUNTEER EXPERIENCE

Coquitlam Public Library, Coquitlam, BC • Teen Advisory Council Member

Sept/2016 - Aug/2021

- o Organized events for youth in the Tri-Cities which increased youth engagement and fostered a sense of community
- o Assisted instructors in a Sphero Workshop by creating obstacle courses for participants to navigate and addressing any questions or concerns

Heritage Woods Secondary School, Port Moody, BC • Red Cross Youth Facilitator

Sept/2019 - June/2021

- o Educated SD43 students about healthy relationships and disease transmission via virtual and in-person lessons which increased their relationship awareness and promoted a safe academic environment
- o Communicated with group members to prepare activities which ensured a cohesive and engaging presentation

CERTIFICATIONS

AI4Good Lab

June/2022 - Present

Alberta Machine Intelligence Institute (Amii)

EDUCATION

Bachelor of Science – BS, Computer Science • Simon Fraser University, Burnaby, BC

2021 - Present

INTERESTS

- o *Arts & Crafts: Painting, Drawing, Sewing, and Crocheting*
- o *Music: Acoustic and Electric Guitar*
- o *Athletics: Snowboarding, Badminton, and Hiking*