

MELISSA SYLVIA LEE



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COMPUTING SCIENCE

EDUCATION

Simon Fraser University Sept 2016 - current
Faculty of Applied Science

- Major in Computing Science
- Expected Graduation 2020.

Argyle Secondary School
Academic Program May 2016

- Honor Roll 5 consecutive years

PERSONAL PROJECTS

Game Design Virtual Reality Prototype

- Current personal coding and design project using Unreal 4 Engine.
- Features AI, Game Design, VR, vision tracing, physics.

Code, Modelling and Design Project

- Unreal Engine 4 Personal project
- A game coded in C++ and Blueprints featuring artificial intelligence, 3D modelling, and virtual physics.

Digital Illustration Blog

- A graphics tablet and SAI software are used to illustrate artwork. Illustrations are posted weekly on an online blog/social media and streamed live weekly.

Currency and Life Style Calculator Project

- A program coded in C++ to determine salary and living expenses using cost of living statistics for one wanting to visit a major city.

WORK EXPERIENCE

Bed, Bath, and Beyond Sept 2015 - Sept 2016

- Educated customers on household appliances. Worked with a team to sell and stock store items.

KEY SKILLS

Hands-on programming in C, C++, Python, Bash, the basics of program design, algorithms, big O efficiencies and data structures.

Understanding in fundamental algorithms; elements of empirical and theoretical algorithmic; abstract data types and elementary data structures; basic object-oriented programming and software design; computation and computability; specification and program correctness.

SCHOLARSHIPS

BC Achievement Scholarship

- BC Achievement Scholarships recognize the top high school graduates in the province.

Chevron Canada Limited Scholarship

- Recipient of a major scholastic award from Chevron Canada recognizing academic excellence and the pursuit of higher education.

VOLUNTEER

SFU Smash Club Organizer

- Efficiently run tournaments at SFU and North Vancouver for the video game 'Super Smash Brothers Melee', Seek and setup venues, manage fees, organize budget & materials (CRTs, consoles, etc.)

Lynn Valley Care Centre

- Volunteer at senior care center providing companionship assistance activities to seniors. (2015 and 2016).