Emma Jonas

Software Developer

A dedicated and hard-working student who is passionate about sports, technology and software development

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SKILLS

Self-motivated, organized, diligent, team leadership

Proficient with HTML, CSS, Javascript, C, Shell Scripting

Advanced understanding of Java and other object-oriented programming languages

Extensive experience with Adobe Creative Suite

Thorough knowledge of Microsoft Office

Experienced with Mac/Windows/Linux OS

INTERESTS

Web Development

Painting and drawing

Basketball | Piano

Weight training and power lifting

Tetris | Hacking

Cyber Security

EDUCATION

Bachelor of Science in Computer Science
York University - Lassonde School of Engineering

09/2018 – Present *8.13 (3.8) GPA*

Courses

- Mobile Programming
- Software Tools
- Fundamentals of Data Structures
- Introduction to Database Systems
- Advanced Object-Oriented Programming
- Computer Organization
- Introduction to 3D Computer Graphics
- Introduction to the Theory of Computation

WORK EXPERIENCE

Student Varsity Lead
Athletics and Recreation at York University

04/2019 – Present

Tasks

- Tracked and analyzed data from the student-athlete survey results for each varsity team
- Implemented a new system to more accurately track student-athlete turnover and graduation rates from each individual team and from varsity athletics as a whole
- Used Excel to record information for the varsity calendar, including payroll, important academic dates and varsity schedules

VOLUNTEER EXPERIENCE

PAWS Mentor (09/2019 – Present)
Mentor for first-year student-athletes at York to help ease the transition from high school to university.

PERSONAL PROJECTS

Fridge Sensor (10/2017 – 11/2017)

- Built a simple circuit using an LED light, a temperature sensor and an Adafruit Feather M0 Wifi
- Coding in C++ using Arduino, I made a program to detect and notify if the fridge has gone above or below the ideal temperature conditions
- If the temperature of the fridge is too warm, the LED light flashes; if it is too cold, it displays a solid light. Otherwise, the LED is off
- It can connect to Adafruit.io and display a graph that tracks the change in temperature every 2 seconds

ACHIEVEMENTS

Co-Captain of the Varsity Women's Basketball Team at York (09/2018 – Present)
Compete in the OUA and play 22 regular season games each year

USPORTS Academic All-Canadian (3.6 GPA and up) (2016 – Present)
Received this award twice in first two years of school at UBCO from 2016-18 and at York for 2018-19

Dean's List Honour Roll (04/2019 – Present)
Lassonde School of Engineering

Provost's Award at UBC Okanagan (04/2018)
Given to Student-Athletes with a Top 5 Academic Average