WILLIAM KING

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EXPERIENCE

Foundation for Student Science and Technology
Machine Learning Researcher | September 2017 - February 2018
- Researched signal processing and machine learning regarding their applications in the automated sleep stage scoring process
- Wrote a literature review on the effectiveness of feature classifiers such as Artificial Neural Networks and Gaussian Mixture Models in diagnosing sleep disorders

FUSE Society
Software Developer | August 2017 - August 2018
- Developed FUSE Society websites using HTML and CSS, with traffic of over 500 views
- Used GitHub to commit to projects and enforce version control

PROJECTS

City of Mississauga Admission Standards Calculator
- Implemented a Java program with a Swing GUI to assist staff with adhering to city admission standards when admitting patrons to recreational swims
- Met with supervisors and performed quality assurance tests to refine the program for public use

Employee Management System
- Used Swing to develop an object oriented Java program that stores, deletes, and modifies employee information in a CSV file using hash maps and linked lists

Medicord
- Developed an Android application utilizing the HAPI FHIR library to access mock Ontario hospital servers and extract patient information, displaying it and storing it in local files

EXTRACURRICULAR ACTIVITIES

The Woodlands Prefects
Co-Chair | September 2015 - June 2018
- Led 43 students in organizing fundraising events, raising over $36000 for charities overall

DECA Woodlands
Senior Marketing Member | September 2014 - June 2018
- Trained chapter members in oral presentation skills and marketing knowledge

EDUCATION

University of Waterloo
- Bachelor of Computer Science Class of 2023

Wilfrid Laurier University
- Bachelor of Business Administration Class of 2023

SKILLS

Languages
- Java
- Scheme
- C#
- HTML
- CSS
- Python
- Visual Basic

Software
- Android Studio
- Swing
- GitHub

Business
- Marketing Management
- Business Analysis

AWARDS

- Laurier BU111 Starbucks Case Competition - 3rd Place (out of 200+ teams)
- DECA ICDC - Top 20 Finalist with Top 15 Oral Presentation & Written Exam awards for Marketing Management Teams (out of 350+ teams)
- Distinction - CCC 2017/2018
- 6th place and provincial qualification - ECOO 2018

PERSONAL

- Working proficiency in French and Mandarin
- Proficient in singing, alto saxophone, piano, and guitar
- Enjoys swimming, running, volleyball, and badminton
- 110+ WPM typing speed