WILLIAM KING

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EDUCATION

University of Waterloo &
Wilfrid Laurier University
September 2018 - August 2023
3.7 Major GPA

Candidate for Bachelor of Computer Science & Bachelor of Business Administration

Relevant Coursework:
Data Structures & Algorithms, Functional Programming, Linear Algebra, Algebra, Calculus, Microeconomics, Macroeconomics, Business Organization Management

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 organization websites using HTML and CSS, with 500+ views 🔗

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, with a projected city-wide impact at community centers

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

Medicord 🔗
- Developed an Android application using the HAPI FHIR library to access mock Ontario hospital servers and extract patient information for personal use

EXTRACURRICULAR ACTIVITIES

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

DECA Woodlands
Senior Marketing Member | September 2014 - June 2018
- Trained chapter members in presentation skills and marketing knowledge, improving presentation quality and written exam scores

SKILLS

Languages
- Java • Scheme • C • JSON
- HTML • CSS • Python

Software
- Android Studio • Swing
- Git • Retrofit/OkHttp
- Eclipse • Netbeans • IntelliJ

Business
- Marketing Management
- Business Analysis
- Entrepreneurship
- Microsoft Office

Soft Skills
- Experienced Leader
- Event Planning and Adaptation
- Time and Project Management
- Excellent Communicator

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
- Ontario Volunteer Service Award

PERSONAL

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