Christy Guirguis

Engineering Student

—

Skills

Fluent in English and French

Effective communicator

—

Hard Skills

Christy Guirguis

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Calgary, AB

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Seeking opportunities to leverage technical and professional skills as a software engineering student at the Schulich School of Engineering.

Dedicated to academic and personal growth. A skilled analytical thinker with a futuristic mindset and a natural talent for restoring and individualizing solutions within the right context.

Python

Proficient in Python, with experience in basic programming, data manipulation, plotting, and biomedical applications. Skilled in utilizing libraries such as Numpy, Pandas, and Matplotlib. Familiar with biomedical applications, including image processing, and working with biological data sets. Demonstrated ability to write clean, organized, and efficient code to achieve desired results.

C/C++

Proficient in C and C++, with strong understanding of basic programming fundamentals. Skilled in using C and C++ to create algorithms and programs, and experienced in using the language for low-level system programming and performance-critical applications. Familiar with concepts such as data structures, algorithms, and object-oriented programming. Committed to continued learning and growth in these languages to expand my abilities and stay current with industry trends

Digital Circuits

Possess a strong understanding of digital circuits and their implementation using logic. Familiar with digital circuit design, including the use of gates, flip-flops, and other basic digital building blocks. Proficient in using digital design tools, such as LogicWorks, to simulate and analyze digital circuits.

Education

University of Calgary / Bachelor of Science in Engineering

SEPTEMBER 2021 - PRESENT

Currently completing a Bachelor of Science in Software Engineering from the Schulich School of Engineering

Saint Mary's Senior High School

2018 - 2021

Obtained Alberta High School Diploma in 2021 with Honor Society Member status

International Baccalaureate Diploma Graduate

2018 - 2021

Completed the bilingual IB diploma with Higher Level topics in Physics, History, French, and English

Awards

Jason Lang Scholarship (2022)

Schulich School of Engineering Diversity Award (2021)

Honor Society Member (2022)