SAYMA KHAN

Dual Citizen of USA and Canada
406-55 Caroline Street N | (519) 503-7027 | s489khan@uwaterloo.ca | https://sayma145.wixsite.com/saymakhan

SUMMARY OF QUALIFICATIONS	**INDEPENDENT:** Takes initiative by self-learning languages like C++ and SQL to understand their real-world applications. **COLLABORATIVE:** Works with a diverse group of people in teams such as TAMVOES, Hack the North and Mathletes in order to make software projects/plan large events. **CREATIVE:** Creates numerous websites, company logos and merchandise that have made hundreds of dollars in revenue and have promoted companies/initiatives.
SKILLS	● **Languages:** C++, Python, Java, HTML, CSS, Javascript, Bash and SQL. ● **Tools/Libraries:** Node.js, Bootstrap 4, Firebase, Git and Android Studio. ● **Design:** Figma, Canva and InVideo.
EXPERIENCE	**TAMVOES — Junior Software Developer** WATERLOO, ON, CA — JANUARY 2020 – AUGUST 2020 ● Use HTML/CSS/JS and front-end framework Bootstrap 4 on Node.js runtime environment. ● Help make critical decisions for prototype/MVP launches and business pitch competitions to gain funding, investments and consumers. ● Design using Canva and InVideo to create promotional merchandise and product advertisements for hundreds of consumers worldwide. **ACADEMIC ENRICHMENT — Tutor** OTTAWA, ON, CA — SEPTEMBER 2016 – JUNE 2019 ● Taught Math, Computer Science, English and French to students. **MATHLETES — Executive of Advertising** OTTAWA, ON, CA — MAY 2018 – JUNE 2019 ● Started a nationwide initiative called "Why do we need math?" to promote the importance of mathematics and numerical skills in all academic disciplines.
PROJECTS	**Hackathons (General)** SEPTEMBER 2019 – PRESENT ● Accepted to/participated in Hack Harvard, Yale Hacks, uOttaHack and Hack the North. ● Created a database on Firebase to train Machine Learning modules to make predictions for provided labels (form study groups based on user personality traits). **Encryptor/Decryptor — C++** NOVEMBER 2019 – DECEMBER 2019 ● Implemented program that can encrypt plaintext and decrypt ciphertext using bit-shifting and ASCII Armor algorithms. **Linear Equation Calculator — Java** OCTOBER 2018 – NOVEMBER 2018 ● Used Object-oriented programming to create a program that can determine linear mathematical equations. ● Users can enter two coordinates and the program will output the coordinates' equations in various formats (standard, point-slope and slope-y-intercept). **Contact Book Application — Python** DECEMBER 2017 – JANUARY 2018 ● Created Python application that reads, writes and saves text from user input. ● Used Python Turtle Graphical User Interface module for program visuals. **Khan Design** APRIL 2018 – PRESENT ● Founded and designed a website that sells logos, posters, merchandise and other designs to help promote organizations, clubs and initiatives.
EDUCATION	University of Waterloo, Faculty of Engineering, Waterloo, ON, CANADA Candidate B.Sc. in Honours Electrical Engineering SEPTEMBER 2019 – APRIL 2024