Sanjeev Kotha

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EDUCATION

UNIVERSITY OF ALBERTA
BSc in Computing Science
Specialization in Software Practices
2019-2023 | Edmonton, Canada
Cum GPA: 3.80 / 4.0

INDIAN HIGH SCHOOL
High School Diploma - CBSE
May 2019 | Dubai, U.A.E
Sciences with Computer Science
First Class
Final Percentage: 95%

LINKS

Github:// **solarcreature**
LinkedIn:// **sanjeev-kotha**

COURSEWORK

UNDERGRADUATE
Foundations of Computation
Data Structures and Algorithms
Calculus I and II
Linear Algebra I and II
Discrete Mathematics
Statistics

SKILLS

PROGRAMMING
Intermediate:
Python • C++
Familiar:
Javascript • React • SQL

OTHERS
Photoshop • Illustrator • Excel

CERTIFICATIONS

Programming Fundamentals
Duke University | Coursera
Computer Hardware and Networking
Aptech Institute | Dubai, U.A.E
Graphic Designing
Aptech Institute | Dubai, U.A.E

EXPERIENCE

MEMORY GAME | Python
Dec 2019
Created a card game during CMPUT 174 at University of Alberta using pygame module in which all of the cards are laid face down on a surface and two cards are flipped face up over each turn. The object of the game is to turn over pairs of matching cards.

ROBOTIC ARM | Arduino, C++
Jan 2019
Glove controlled robotic arm programmed by C++ in Arduino using inputs from the flex sensor placed on the glove. The mechanism is that the Arduino reads the voltage change when the sensors are bent and triggers the servos to move a proportional amount. The servos pull strings that act as tendons, allowing the fingers to move.

BANK MANAGEMENT SYSTEM | C++
Dec 2018
Created a banking application using C++ and concepts of Object Oriented Programming. The application works with basic deposit/withdraw functions and provides further functions to the banker such as visibility of all the users and the types of accounts held by each user.

TIC TAC TOE | C++
Jan 2018
A two-player tic-tac-toe game created in C++ using conditional logic, basic data structures and user-defined functions.

AWARDS

UNIVERSITY OF ALBERTA
2020 Dean's Honor Roll
2019 International Student Scholarship
2019 University of Alberta International Country Scholarship
2019 Faculty of Science Gold Standard
2019 University of Alberta Gold Standard

EXTRACURRICULARS

Member of the UAlberta ACM Chapter | Jun 2019 - Present
Part of the Lister Dodgeball League | Fall 2019 - Winter 2020
Member of the Badminton Club | Fall 2019 - Winter 2020
Section Representative | April 2018 - April 2019
Badminton Varsity Team | April 2016 - April 2018