WANG, SIDA

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EDUCATION

Bachelor of Software Engineering (CO-OP)   Sept. 2017 — Present

• Currently in **level 3 of a 4-year program**

• **Relevant Courses:** Engineering Computation, Software Development, Principle of Programming, Digital system & Interfacing, Data Structure & Algorithms

• **Academic Award:**

   * Dean's Honour List (May 2018) -- awarded a student who obtain a minimum 9.5 GPA(out of 12) in a school year.

SKILLS

• **Programming Language:** C,C++, Java, Python, Javascript, HTML, CSS, Bash Script.
• **Operating System:** Linux/Unix
• **Frameworks:** MongoDB, Node, Express
• Excellent written and communication skills in **English** and **Mandarin**
• Time-management, Self-motivation and ability to work under high-pressure environment

SOFTWARE PROJECTS

Genetic Algorithm Application for Image Evolution (C)
   • As part of my course work, our group was asked to generate a random PPM image and compute it to be close to a given image, by applying a basic genetic algorithm principle.
   • The link of the image **evolution animation**: *https://youtu.be/ijqb4eIeb3I*

Sneaker Trading Tracker (Python)
   • With the use of python build-in package **tkinter** to build the user interface
   • Records the trading history and calculate the profit automatically
   • Using **Pyinstaller** to generate the executable file

EXPERIENCE

Summer Camp Lead Chaperone
June 2019 - August 2019
Columbia International College, Hamilton, ON
   • Generally lead a group of staffs taking care of summer campers' safety and well-being both on campus and on trip
   • Working during summer vacation, build strong communication, negotiation and organization skills.

Experiential Volunteering Participation in DeltaHacks IV
January 2018
DeltaHacks IV, Mcmaster University, Hamilton, ON
   • Helped with organizing a hackathon with more than 700 participates to hack for a positive change.
   • Led a group of four to help the organizer to ensure the event going well and create a friendly atmosphere to reduce the stress of participates.

International Mentorship Mentor
May 2018 - Present
International Students Program, Mcmaster University, Hamilton, ON

   • Trained to be a professional and personal mentor to help the first-year international student get familiar and comfortable with the new surroundings.

Reference available upon request