

BO SUN

416-459-7921 | sun15c@uwindsor.ca

Profile of Skills

- Demonstrable ability to learn quickly; able to work independently
- Excellent organizational, problem-solving, time management and interpersonal skills
- Experienced in Machine Learning, Image Processing, Computer Network and Cybersecurity, and Linux
- Skillful in C/C++, Python, Java, HTML and SQL; Knowledgeable in relational database

Education

Master of Engineering, Electrical (Computer) Engineering

Sept 2017 – Dec 2018

University of Windsor, Windsor, ON, Canada

- Average: 92.0%

Bachelor, Electronic Science and Technology

Sept 2013 – Jun 2017

Chongqing University, Chongqing, China

Related Experience

AES Encryption Programming Project

Jul 2018 – Aug 2018

- Studied AES Encryption protocol thoroughly and made a detailed schedule with the team
- Programmed AES Encryption in Python 3 with original algorithms including symbolic operation algorithms
- Tested the software by transmitting a message to another machine and analyzed its performance

IEEE CIS/SMC Challenge Competition – Solve a Classification Problem

Mar 2018 – Apr 2018

- Analyzed the dataset; explored classification and missing data imputation algorithms by reference reading
- Utilized scikit-learn to implement K-NN, random forest, and SVM models to select the best approach

SpaceX Hyperloop UWindsor

Nov 2017 – Dec 2017

- Collaborated with teammates from different backgrounds and co-designed a SpaceX Hyperloop model
- Selected photoelectric and temperature sensors for the detailed control unit design
- Constructed the user interface in collaboration

Other Experience

Events Coordinator of IEEE University of Windsor Student Group

Oct 2017 – Dec 2018

University of Windsor, Windsor, ON

- Secured necessary resources to effectively deliver events and workshops
- Designed engaging posters to promote IEEE activities

Customer Service on Board

Jul 2018

Windsor River Cruise, Detroit River, Windsor, ON

- Provided warm and kind service to tourists of different ages from various cultural backgrounds
- Conducted multiple duties, including those of a bartending assistant, waiter, and deck hand

References Available Upon Request
