

# Da Meng

3134 Henderson Road, Victoria, BC, Canada, V8P 5A2  
2508915708 || dmeng@uvic.ca || <https://github.com/MCatherine1994>

## EDUCATION

---

**University of Victoria** Victoria, BC Canada 2015 - Present  
Bachelor in Computer Science Major, Statistics Minor, 4th year

## TECHNICAL SKILLS AND ABILITIES

---

**Programming Language:** JAVA, C, C++, Python, Assembly, Database, HTML, XML  
**Environment:** Windows, IOS, Linux  
**Software:** PostgreSQL, SQL Developer, AVR, Matlab, R/RStudio, soapUI, BI Publisher, ActiveBatch, WinSCP, Starteam, Splunk  
**Network:** TCP/IP, UDP, HTTP, DNS  
**Language:** English, Chinese

## WORK EXPERIENCE

---

**BC Transit**, Victoria, BC Canada 01/2018 - Present  
*IT - Applicant*

- Build data model using SQL queries and design report using BI Publisher
- Debug and build the dynamic actions for application using Oracle Application Express
- Install and update the new patches of Raspberry Pi's
- Learning the Restful Web Service

**Maximus**, Victoria, BC Canada 01/2017 - 12/2017  
*Business System Analysis*

- Participate in functional testing, smoke testing, regression testing, joint system integration testing and business acceptance testing
- Create and manipulate test data using SQL Developer
- Create and execute test cases based on functional specification, and analyze test result on a regular basis
- Create and follow the change requests using Starteam
- Apply customized software to simulate real-life situation by identifying information, business and technical requirements
- Work collaboratively on a cross-functional team and contribute to project planning and implementation

## PROJECTS AND TEAM RESEARCH

---

**File Transfer**, 2017, C Program  
Develop a client/server program for file transfer/processing based on Stream (TCP) sockets with the given IP address and port number.

**Cryptography**, 2017, Java Program

Implement secure Instant Messaging between a client and a server program to satisfy the confidentiality using Java RMI.

**Multi-Flow Scheduler**, 2016, C Program

Construct a simulator of a router using threads to schedule the transmission of multiple traffic flows. Transmit flows to the router via its output interface.

**A Simple File System**, 2016, C Program

Display the information of file system and the content of root directory in the file system. Copy a file from the file system into the different directory in Linux. system.

**Maze Problem**, 2016, Java Program

Use backtrack programming to solve the maze and count the number of solution to the maze.

**Produce Stop Watch**, 2016, C Program

Use a specific protocol to communicate with the LCD processor that initializes and controls the LCD screen. Use a timer to generate interrupts to maintain three counters, hours, minutes and seconds.

**CVS Table**, 2016, Python Program

Read HTML from standard input and outputs a CSV representation of each table in the input.

**Feasibility Study of an Automatic Computer Shutdown System**, 2016, Student Research

---

**VOLUNTEER EXPERIENCE**

**AI/GI/CRV Conference**, Victoria, BC, Canada

05/2016 - 06/2016

**Ballet Victora**, Victoria, BC, Canada

10/2015 - Present

---

**PERSONAL SKILLS AND INTERESTS**

- Enjoy cartoon painting, photography, cooking and traveling
- Can play Tai ji and teakwondo

---

**REFERENCES**

Ivana Stanic, Business System Analysis, Maximus, ivana.stanic@maximusbc.ca

Anil Baddam, Test Lead, Maximus, anil.baddam@maximusbc.ca

Tara Rahemat, Volunteer Coordinator, Ballet Victoria, soul4poetry@gmail.com