
Zimeng Ming



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Github: <https://github.com/Brandon0916/Class>
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Professional Summary

- Excellent communication skills including fluency in English and Mandarin.
- Deep understanding and extensive experiences of serving Asian Students.
- Great abilities on driving with a valid driver's license. Easy to go anywhere the works needed.
- Excellent knowledge about Computer Science Language who receive A- in most core courses in last term.
- Excellent knowledge about the computer companies desire and products.
- Familiar with company data analyzing and product testing.

Education

Bachelor of Science, University of Victoria, BC

Combined major in Computer Science and Statistic, University of Victoria
2016.1 – now, Year 4

Wuhan Maple Leaf International School, Wuhan, China

BC Offshore high school diploma.
2012.04-2015.06

Experience

BC Ministry of Forest, Lands and Natural Resource Operations /Data Wrangler Co-op Positions 2020.1-2020.8

- As a data science student in the team of Research Section in Resource Management Kootenay Boundary Region.
- Take in charge of collecting, arranging and analysis the data from the West Arm Demonstration Forest(WADF) research project stations.
- Clean the unreliable data and filling the gap using machine learning and statistic strategies though Python and R.
- Quality assurance(QA) and quality control(QC) the datasets and documentation the QA/QC procedures.
- Using R to analysis the climate dataset, create the R Script and comments in order for the future research use.
- Write the report about summarising the QA/QC methods and results.

- Project Complete:
 - a) WADF Climate Dataset Quality Assurance and Quality Control Process, with Natasha Neumann.
 - b) Kootenay Boundary Region Tree Cankers Dataset Analyst, with Michael Murray.
 - c) All the project is using R language and also have the user manual for each system. The two system are able to use in different dataset in order for the future research.
 - d) All the output will update on the website of the BC Ministry of Forest, Lands, Natural Resource and Rural Operation.

China Construction Bank Fintech Ltd./Data Science Internship 2019.6-2019.8

- As a data science student in the team of anti-telecommunications fraud in the department of software development.
- Take in charge of collecting fraud cases data from the daily banking transactions and select the useful data in order to analysis.
- Test the new functions of the software and assist the senior engineer to solve the problem.
- Translate the documentations from English to Chinese.
- Learning and using the JSON, Node.js, React, Neo4j and Ant Design for create project of the Knowledge Graph for the fraud data.
- Using Weka, R to analysis the fraud data.

Car reviewer / YouTuber 2015-2017

- The team is leading by Steve Qing and developed a brand new channel in both Canada (YouTube) and China (YouKu).
<http://i.youku.com/needforexpert>
https://www.youtube.com/channel/UCasv0F_zTKPngQ-4cn21ADw
- Created 28 official car review videos and received more than 600,000 views during last two years.
- Organized constant marketing meetings and align strategies with channel's needs.
- Received constant emails regarding filmed cars and referred customers or friends to the 20 partnered dealerships.
- Strength regarding communicating with fans and answering all kinds of questions from different viewers through online medias.

Student Consultant Manager of BC Province/China Summer Session Association
 2016.6.25 - 2018.6.25

- Manage the school advisors in each university which located in BC, Canada
Proven ability of quick learner and great understanding of all kinds of sales process.
- Send advertisement articles to the partners' WeChat and let them sent the articles to their readers.
- Take in charge of the information sessions in BC.
- Build the relationship with serval organizations.

General manager /Hong Kong west Restaurant (part time) 2017.3-2018.8

- Takes in charge of the shift planning and cashier.
- Training new employee.
- Contact with the business cooperation companies.

Student Consultant/DreamBigCareer 2018.9—now

- Help the Chinese Student in UVic to seek a job in North American or China.
- As representative on behalf of running the networking resource for the company in Vancouver and Victoria BC.

Volunteer Experience

Executive Member/Victoria Chinese Students and Scholars Association(CSSAVC)

2016.09-2018.09

- As senior executive member serves for events department.
- Planning and manage the events hold by the CSSAVC.
- Maintain the relationship with the cooperated partner.

Awards

- School Champion of Hypatia Math Contest hold by University of Waterloo
- Star Executive Member of CSSAVC
- Entrance Scholarship for University of Victoria

Skills Highlights

- Active listening skill
- Upbeat work attitude
- Adaptive team player
- Enthusiastic interest in learning from experts
- Keen desire in developing long term career path
- Connections and possible customer base among Greater Vancouver area and Victoria area
- Familiar with Python/Java/Excel/SQL/R/C/Matlab
- A Junior user of Pandas, Weka and numpy
- A Junior user in JavaScript/JSON/node.js

- A Starter user in C++
- A Junior user in Adobe Premiere and Photoshop

Applications

1. Dodgeball

- Language using: Python.
- A little game which users can use keyboard to control to pad, when the ball touch the pad will change the direction. When the ball touches the wall on the side, will consider to get one points. The first person who get 11 points will win the game.
- Complete alone.
- Link: <https://github.com/Brandon0916/Class/tree/master/SomeFun/PONG%20BALL>

2. Text Editor

- Language using: Python.
- Using for range the disordered text file. This application can let user to set the width and font they like and range the text file to that order.
- Complete alone.
- Link: <https://github.com/Brandon0916/Class/tree/master/SENG%20265/A3>

3. Text Editor

- Language using: C.
- Using for range the disordered text file. This application can let user to set the width and font they like and range the text file to that order.
- Complete alone, same link as above.

4. SQL Practice

- Language using: SQL.
- The assignment of course about database system(CSC 370).
- Link: <https://github.com/Brandon0916/Class/tree/master/CSC%20370>
- Cooperated with Yunkun Li.

5. Data Learning

- Language using: python
- The assignment of course about Data Mining(SENG 474).
- Have training data set and test data set, using training data to teach the program know how to judge the test data, and provide the result for it.
- Cooperated with Ronald Liu.
- Link: <https://github.com/Brandon0916/Class/tree/master/SENG%20474/Assignment1>

6. Using Search Algorithm to solve the real questions.

- Language using: Java
- The assignment of course about Artificial Intelligence (CSC 421).
- Using the AI search algorithm to solve the different types of real problems.

- d) The problem Wolf-goat-cabbage problem and Missionaries and cannibals are the cross-river problems. We need using the search algorithm to find out the solution to make the object cross the river under certain constraints.
 - i. Water Judge problem is using 12,8,3 gallons' judges to find the way to get the exactly one gallons of the water.
- e) Pancake Sorting problem is most common problem that sorting the different size of the pancake, and make the pancake in order.
- f) Cooperated with Ronald Liu.
- g) Link: [https://github.com/Brandon0916/Class/tree/master/CSC%20421\(AI\)/Assignment1](https://github.com/Brandon0916/Class/tree/master/CSC%20421(AI)/Assignment1)

7. Track COVID-19 Data

- a) Language: Python
- b) Additional Software: Tableau
- c) Tracking the case updated by the CDC of the British Columbia and showing on the map
- d) The data are download using a spider tool and load into tableau.
- e) Using Tableau to form a visualization geography data graph.
- f) Github:<https://github.com/Brandon0916/Class/tree/master/Data%20Science%20Learning/Covid>

References

- **Alex Hu Manager of Dong Ding Technology**
 Tel: +86 13995555816 Email: hxm@dongdingtech.com
 Alex is the manager of Dong Ding Technology which is the top 100 micro-chips sales company in China. Alex is the supervisor of my internship in the team of Field Application Engineer.

- **Lei Xiao Manager of the team of Anti-telecommunications fraud team in China Construction Bank Fintech Ltd.**
 Email: xiaolei.wh@ccbft.com
 Lei takes in charge of the team that develops the anti-fraud application for China Construction Bank which is one of the largest bank in the world. Lei has been spent 3 months with me and direct supervise me for the coop study.

- **Natasha Neumann, PhD PAg Research Hydrologist, Kootenay Boundary Region for BC Ministry of Forests, Lands, Natural Resource Operations and Rural Development.**
 Email: Natasha.Neumann@gov.bc.ca
 Natasha is my supervisor for my Co-op term in BC Ministry of Forest, Lands, Natural Resource Operation and Rural Development, she is hydrologist in Kootenay Boundary Region in British Columbia.

Certifications

- Certification of internship in China Construction Bank




Certificate of Internship

To whom it may concern,

This is to certify, Zimeng Ming from University of Victoria(Canada), majored in Computer Science and Statistic have been completed thirteen weeks' Data Science internship program at China Construction Bank Fintech. Ltd- Wuhan Business Group from June 1st, 2019 to Aug 23th, 2019.

During the student's internship, under the guidance of our company's staffs, he got a preliminary understanding of conducting investigation into development project, and was familiar with the project-assessment system, as well as the details and standards involved in the process. In addition, he put all his passion and effort into his work. The student tried to find out every problem he encountered and never hesitated to ask senior co-workers for help. He got along very well with others, which in term proved his team-spirit and excellent skills of communication. Also, he was willing to take suggestions from others, and he could work overtime to ensure his work is fulfilled before due. His diligence, attitude and cooperation left all his co-workers and our company a very good impression.

China Construction Bank Fintech. Ltd

Signature of Supervisor: 

(Valid with a stamp)

August 25th, 2019

Signature of Department Director: 



● Certification of CSSAVC

January 24th, 2019

Zimeng Ming

Executive Member of Events Department

To whom it may concern,

Zimeng has commenced September 2016 in the above-mentioned department for a period of three years and volunteered over 100 hours at our association.

For the past last year, Zimeng participated in our student and community events. Zimeng has showed a strong educational background in project management and problem-solving skills and is fully capable of handling tasks assigned to him. He displayed exceptional management skills by analyzing project objectives and working closely with team members around him.

As an executive member of CSSAVC's Events department, Zimeng has shown great initiative in information sharing with respect to the needs of the students. He is a hard-working and proactive communicator who also came up with new and innovative approaches to achieve goals.

Below are the events Zimeng has participated in and relevant position in charge of:

1. Party of Chinese Freshmen, Executive member September 2017
2. Running Halloween Event, Executive member October 2017
3. 2018 Shenma Music Festival, Executive member January 2018
4. Night Market Event, Executive member March 2018

Overall, it is a pleasure for us to work with a team player like Zimeng, and we would like to thank for Zimeng to show his support to CSSAVC. Please feel free to contact us regards to this matter.

Sincerely,



Wenwei (David) Liu

2018-2019 President

Victoria Chinese Students and Scholars Association

Email: president@cssavc.com

- Certification of Hypatia Math Contest

