YUESEN
DONG

90 Waterbridge Way Toronto Ontario M1C 5C1
yuesendong@gmail.com
(647)706-5148

SUMMARY

Software Engineer with 2 years of experience who has great passion and knowledge in information retrieval, machine learning, and AI technology. Excellent understanding of the software development cycle and agile development practice. Fluent in modern OOP languages including Java, C/C++ and Python. Fast learning and enjoy difficult challenges.

SKILLS

- Hands-on experience in C/C++, Java, and Python with work experience and open source project contribution
- Great knowledge on designing and implementing Azure based tools as previously implemented and deployed web apps on Azure platform
- Perfectly comfortable working with MVC, relational database/SQL, Hadoop, Kafka, Spark, HBase, Hive, Python, PowerShell and large scale online distributed systems as they are the majority of my work and responsibility as I worked at Canadian Imperial Bank of Commerce Data Architecture team as an Application Developer
- Solid Knowledge of information retrieval, machine learning, and AI technology with side/school project on neural nets and other AI algorithm including Minimax, QLearning and etc
- Good understanding of the software development cycle and Agile development practice. Perfect performance and grades on all Software Engineering courses who focus on SDLC and design patterns
- Experience with CSS, JavaScript, AJAX, Perl demonstrated by web based personal projects
- Fast learning and love to learn new technology and face new challenges
- Extremely passionate for solving complex and interest problems
- Excellent team working skills, leadership skills and time management skills demonstrated by leading a group that deliver projects within specific deadlines
- Working hard with high responsibility and reliability demonstrated in school as a student. Have above average GPA and great academic record
- Exhibit wonderful communication skills as a large Social Media Manager with over 200 users with different cultural backgrounds from all over the world

PROJECTS

- Map web application that provides features such as Routs finding and location lookup. Currently deployed on Azure
- Neural net that recognizes handwritten digits
- A mock filesystem that is written in both Java and C
- Travel Organization app that provides an entire trip suggestion base on given location and duration

AWARDS

- 2018 Q2 CIBC Top Achiever Award
- Toronto Secondary School Chess League 2012 Bronze

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WORK EXPERIENCE

05/17 – 09/18   **Application Developer**

Enterprise Architecture

Canadian Imperial Bank of Commerce

- Assisted data architects with Hadoop PoC project. Constructed a Hadoop prototype that capable of completing map-reduce requests. Introduced the technology, gave my recommendation and provide any potential risk to the development team.
- Researched and analysis ISO 20022, a new payment standard for payment architecture team
- Worked with Chief Data Office to come up data warehouse/mart classification standard
- Created an effective communication process between business and technology teams that became standard practices across the team.
- Optimized information flow and process with process innovation team
- Led a project team with seven team members, finished two team projects before the deadline with excellent feedback. Got rated as "Exceptional" as a final evaluation.

07/15 – 09/15   **Web Developer**

Qingdao Micro Wisdom Info Tech Co. Ltd

- Researched a practicable and low-cost algorithm by using open source JavaScript Libraries and cheap map data.

09/16 – 09/19   **First Year Experience Program Mentor**

- Helped University freshman with academic/life difficulties.

01/16 – 04/16   **Calculus Tutor**

- Help tutee with weekly assignments by doing sample questions and explain the concept behind each step
- Tutee passed with a decent mark while the class average was below 50%

EDUCATION

2015 – 2019   **Bachelor of Science in Computer Science (Co-op)**

University of Toronto

Courses:

- Computer/Network Security
- Operating Systems
- Computer Networks
- Artificial Intelligence
- Database System,
- Engineering Large Software Systems,
- Programming on the Web,
- Algorithm Design and Analysis,
- Human-Computer Interaction
- Computability and Computational Complexity