**Wen Dong**

[https://www.linkedin.com/in/wen-dong-windsor](https://www.linkedin.com/in/wen-dong-windsor/) • https://github.com/fanchuanster

401 Sunset Avenue, Windsor, Ontario N9B 3P4, 519-253-3000 • [dong23@uwindsor.ca](mailto:dong23@uwindsor.ca)

**SKILLS**

* Programming Language: Python, C/C++, C#, Bash, Ansible
* Software Tools: GIT, Visual Studio, Visual Studio Code, Eclipse, Lucidchart UML Tool
* Framework & Libraries: TensorFlow, Keras, Selenium, Jenkins
* Cloud Computing: AWS (Amazon Web Service)
* Database: MySQL, Oracle, MS SQL Server, PostgrepSql, MongoDB

**EDUCATION**

**Master of Applied Computing, University of Windsor, ON** Sep 2020 – Present

* Relevant courses – AI Introduction, Advanced Computing Concepts, Advanced Database, Advanced Software Engineering
* Available for a 4-month internship starting from Sep 2021

**Bachelor of Engineering, Wuhan University of Science and Tech, China** Sep 2002 – Jun 2006

* Major – Computer Science and Technology
* Relevant courses – Database, Data Structure, C Programming Language, Operating System

**ACADEMIC PROJECTS**

**Movie Recommendation** (Team Project), **University of Windsor, ON** Oct 2020 – Dec 2021

Technologies: Python, Angular

* Built a movie recommendation system using Machine Learning algorithms like TFIDF, Linear Kernel from scikit-learn library

**Diabetes Prediction System** (Team Project), **University of Windsor, ON** Feb 2021 – Apr 2021

Technologies: TensorFlow, Keras, TensorBoard, Python

* Created a Neural Network model by applying Deep Learning algorithms to diabetes dataset and deployed it to Google Cloud
* Visualized the training process with TensorBoard for debugging and performance tuning

**WORK EXPERIENCE**

**SaaS System Engineer, SaaS Delivery BU, Micro Focus, Shanghai, China** Sep 2019 – Present

Technologies: Python, AWS, Ansible, Oracle

* Designed and coded to automate the deployment process of our Application Lifecycle Management system on AWS
* Innovated and created a health check tool with automatic remedy for customers’ farms in SaaS platform using Python and Ansible
* Designed and implemented an automation to collect SaaS customers’ daily license usages and report to a central hub enabling Sales and Customer Care teams to intrigue customers’ engagement and satisfaction

**Senior Software Engineer, UFT R&D, Micro Focus, Shanghai, China** Jun 2013 – Aug 2019

Technologies: C++, C#/WPF

* Added SAP NWBC support to the Unified Functional Testing tool in C++ enabling thousands of enterprise customers to leverage UFT’s rich functionalities to perform automated test on SAP NWBC applications
* Innovated a new feature allowing UFT users to generate automation scripts by drag and drop from Object Spy Dialog.
* Improved 50% the performance of UFT’s Object Identification for web objects by refining the page learning algorithm
* Facelifted another sibling testing tool Sprinter by completely rewriting the UI in WPF

**Software Engineer, AB Suite, Unisys, Shanghai, China** Aug 2010 – Jun 2013

Technologies: C++, MS SQL Server

* Developed new features and improved product quality by fixing defects in the core module

**Software Engineer, JRD Communication Inc, Shanghai, China** Jan 2009 – May 2010

Technologies: C++, Linux, MySQL, GDB, Valgrind debugging and profiling tool, UML

* Built an intermediate Linux daemon service serving as a bridge between various internet content providers and mobile phone users

**Software Engineer, HiSoft, Shanghai, China** Apr 2008 – Dec 2008

Technologies: C++

* Worked as a Contingent Worker inside IBM to implement and test built-in commands in AIX

**Junior C Software Engineer, Neusoft , Shenyang, China** Jul 2006 – Mar 2008

Technologies: C/C++

**AWARDS**

* Promoted to SaaS Expert due to the excellence in work at Micro Focus China in Jan 2021