

# Wen Dong

401 Sunset Avenue, Windsor, Ontario N9B 3P4, 519-253-3000  
<https://github.com/fanchuanster> • [dong23@uwindsor.ca](mailto:dong23@uwindsor.ca)

**SKILLS**      Programming Language: Python, C++/C#, Java, Bash, Ansible  
Database Management: MySQL, MS SQL Server, PostgreSQL, MongoDB  
Operating System: Windows, Linux

**EDUCATION** **Master of Applied Computing, University of Windsor, ON Sep 2020 – Present**  
Relevant courses – AI Introduction, Advanced Computing Concepts, Advanced Database, Advanced Software Engineering  
Academic Projects –  

- Created a diabetes prediction system by applying Machine Learning algorithms to diabetes dataset to train and deploy a model to Google Cloud, using TensorFlow, Keras, scikit-learn, Python.
- Built a movie recommendation system using Machine Learning algorithms like TFIDF, Linear Kernel from scikit-learn with Python, Pandas, Angular

**Bachelor of Computer Science and Technology, Wuhan University of Science and Technology, China Sep 2002 – Jun 2006**

## RELEVANT EXPERIENCE

**SaaS System Engineer, SaaS Delivery Team, Micro Focus Sep 2019 – Apr 2021**

- Designed and coded to automate the deployment process of our Application Lifecycle Management system on AWS as well as creating automation tool for management of internal systems and AWS resources leveraging Python, Jenkins, Terraform, Ansible, Selenium, and Oracle Database. Promoted to SaaS Expert due to the job done in Jan 2021
- Innovated and created a health check tool with automatic remedy for customers' farms in SaaS platform with Python, Ansible, Jenkins, Oracle DB
- Design and implemented an automation to collect and report to central Hub the literal daily license usages for all SaaS customers, for Sales and Customer Care teams to intrigue customer's engagement and satisfaction with our service. The implementation was in Python, involved NumPy, Pandas, PostgreSQL, and Oracle DB

**Senior Software Engineer, UFT Dev Team, Micro Focus Jun 2013 – Aug 2019**

- Added support for SAP NWBC to the Unified Functional Testing tool enabling thousands of enterprise customers to leverage UFT's rich functionalities to perform automated test on SAP NWBC applications. The task involved C++/C#, OOD, troubleshooting skills
- Innovated a new feature allowing UFT users to generate automation scripts by drag and drop from Object Spy Dialog. The implementation was in C++

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

- Developed new features and improved product quality by fixing defects as a Software Engineer in the core Model Team. Involved skills C++ and MS SQL Server

**Software Engineer, JRD Communication Inc (formerly Alcatel Phone) Jan 2009 – May 2010**

- Built an intermediate Linux server serving as a bridge between various internet content services and cell phone users. C++, Linux, GDB, Valgrind, MySQL

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

- Worked as a C++ engineer dispatched to IBM

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