Wen Dong

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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