Wen Dong

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SKILLS

- Programming Languages: Python, C/C++/C#, Java, Bash, Ansible, PowerShell
- Software Tools: Git, Visual Studio, Eclipse, UML Tool, Tableau, PyCharm
- Framework & Libraries: TensorFlow/Keras, Hadoop/Spark, Selenium, Jenkins, Docker
- Cloud Computing: AWS (Amazon Web Service), Google Cloud
- Database: MySQL, Oracle, MS SQL Server, PostgreSql, MongoDB, Neo4j

EDUCATION

Master of Applied Computing, University of Windsor, ON Sep 2020 – present
- Relevant courses – AI Introduction, Advanced Computing Concepts, Advanced Database, Advanced Software Engineering, Advanced System Programming
- Available for a 4-month internship starting from Sep 2021

Bachelor of Engineering, Wuhan University of Sci & Tech, Wuhan, 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/Flask, 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, Google Cloud
- 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
- Improved the prediction accuracy from 60% to 87% with KarasTuner

WORK EXPERIENCE

SaaS System Engineer, SaaS Delivery BU, Micro Focus, Shanghai, China Sep 2019 – Present
Technologies: Python, AWS, Ansible, Oracle DB, Docker
- Designed and programmed to automate the deployment process of our Application Lifecycle Management system on AWS
- Innovated and created a health check tool with automatic remedy to effectively handle various common issues in customers' farms in SaaS platform using Python and Ansible

- Designed and implemented an automation to collect SaaS customers' daily license usages, calculate peak usage and report to a central hub enabling Sales and Customer Care teams to intrigue customers' engagement and satisfaction
- Handled issues & requirements from customers by trouble shooting, communication skills.

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 Software Engineer, Neusoft, Shenyang, China Jul 2006 – Mar 2008
Technologies: C/C++

AWARDS

- Promoted to SaaS Expert due to excellence in work at Micro Focus in Jan 2021