Johnny Song

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Software Development
Programmer I Data Analysis I UI/UX Design

HIGHLIGHT OF SKILLS

- **Programming Languages**: C#, Java, HTML5, CSS, JavaScript (ES6), Markdown, VBA for Excel
- **Platforms**: Linux, macOS, Windows, Docker, Node.js, GitHub
- **Database and Data Analysis**: Oracle PL/SQL, MongoDB, Tableau, RapidMiner, Excel/Numbers
- **Virtualization**: QEMU/KVM, libvirt, Virtual Box, Parallel Desktops
- **Utility Software**: Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Microsoft 365
- **Health Science Knowledge**: Immunology, Immunohematology, Molecular Biology, Microbiology, Clinical Laboratory Technology, Pharmacology
- A logical thinker with the proven ability to learn new technical skills and concepts quickly

Education

Software Engineering Technology - Health Informatics Advanced Diploma
Sept 2020 - Present

Centennial College, Ontario, Canada
GPA: 4.1/4.5

Core Courses: Software System Design, Web Application Development, Unix/Linux OS, Software Testing & QA, C# and Java Programming, Clinical Workflow & IT Solutions, HCIS Tools & Algorithms, Advanced Database Concepts

Academic Projects:
- Created a web application that allows users to calculate their body mass index using vanilla JavaScript
- Created a basic banking application using C#
- Analyzed healthcare data sets of death risk factors using decision-tree modeling and clustering methods

Master of Science - Immunology
2008 - 2011

Guizhou Medical University, Guizhou, China

Bachelor of Science - Pharmacology
2002 - 2006

Central South University, Hunan, China

Work Experience

Manager of the Provincial Blood Typing Reference Laboratory
Dec 2017 - Aug 2020

Guizhou Blood Center, Guizhou, China

- Optimized routine workflows by developing an experiment recording and reporting system based on Excel using VBA
- Promoted the use of cloud-based lab inventory management systems
- Founded a library of rare blood types for local blood donors mainly based on NGS techniques
- Conducted SOP revision to update experimental protocols as well as health and safety procedures and standards

Clinical Laboratory Technologist
June 2015 - May 2021

Guizhou Blood Center, Guizhou, China

- Performed immunohematology-based assays for red blood cell and platelet typing
- Responsible for new employee training and instrument maintenance

Business Owner
Apr 2016 - Mar 2021

Guizhou Myllion Trading Co. Ltd

- Started up a business to sell raw honey and apiculture products over popular e-commercial platforms

Lecturer
Sept 2012 - Jan 2021

Guizhou Medical University, Guizhou, China

- Taught as a part-time instructor for Immunology to undergraduate students during Sept 2012 - June 2014
- Taught as a part-time instructor for Transfusion Medicine to undergraduate students during Aug 2017 - Jan 2021
- Provided instruction, lab-based coaching, feedback, and performed academic assessments
- Supported and supervised students with academic and lab-based research projects

Academic Administrator
Sept 2011 - June 2015

Guizhou Medical University, Guizhou, China

- Performed management of enrollment, graduation audit, and certification for students
- Conference preparation for education affairs including ASEAN Education Week