

Johnny Z. Song

From Centennial College

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January 4th, 2022

Re: Co-op job opportunities

Dear Human Resources,

It is with great interest that I submit this cover letter and resumé to apply for the exciting opportunity in the four-month Co-op positions with Canadian Tire. As a methodical professional with a background of both medical science and IT technologies, I bring with me strong critical thinking skills, a technical aptitude, and passion for learning. I am currently a software engineering student specializing in Health Informatics Technology (Advanced Diploma) from Centennial College, and combined with my professional experience, I am confident that I will be a valuable addition to your team.

With a unique background, I have an ethos and curiosity for continuous professional development. My current pursuits of software engineering have given me the foundational skills in a portfolio of skills and experiences of IT technical specialist, including software system design and testing, web and mobile application development, database management as well as a suite of utility apps such as Microsoft 365 and Adobe, and ultimately solid industrial experience of Agile methodologies during my previous two Co-op terms with the Information Technology Team of CAAT Pension Plan where I learned much from real-world practice.

Based on the fruitful Co-op experience previously, I am keen on devoting myself to more challenges in the upcoming term so I can keep on proceeding along the path of a proficient IT technologist. Canadian Tire, a highly reputed retail giant, is undoubtedly an ideal workplace to offer ample resources that can help me grow.

I would welcome the opportunity to attend an interview to discuss my qualifications for this position. Thank you for your time and consideration.

Sincerely,

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Entry-level Software Developer / Engineer

Programmer | DevOps | UX/UI Design | Data Analyst | Technical Specialist

HIGHLIGHT OF SKILLS

C# / .NET 6

HTML5 / CSS / ES6

Vue.js / React.js

Linux & Docker

Git / GitHub / Azure DevOps

OracleDB/MongoDB

WORK EXPERIENCE

Software Developer | Co-op @ CAAT Pension Plan (Canada)

May 2022 - Dec 2022 (8 months)



- Learned how to code using ASP.NET Core and Vue.js.
- Created unit tests for the backend project and lifted code coverage by about 10%.
- Optimized CI pipelines in Microsoft Azure DevOps to improve the outcomes of automated testing.
- Composed technical documents on UI branding, frontend validations, error handling and messaging to help newcomers and non-technical professionals to understand the team projects

Skills: C# · ASP.NET Core · Vue.js · xUnit · Git /Azure DevOps · CI/CD · Agile Methodology and Practice

Manager of the Blood Typing Reference Laboratory @ Guizhou Blood Center (China)

Dec 2017 - May 2021



- Promoted the use of cloud-based lab inventory management systems
- Developed an experiment log and report system using VBA for Excel to optimize daily workflow
- Founded a library of rare blood types for local blood donors based on NGS techniques
- Revised SOP to update experiment protocols, standards and procedures for improved outcome and safety

Clinical Laboratory Technologist @ Guizhou Blood Center (China)

June 2015 - May 2021

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

Skills: Laboratory Skills · Immunology · Immunohematology · Molecular Biology · VBA for Microsoft 365

Academic Administrator @ Guizhou Medical University (China)

Sept 2011 - June 2015



- Managed student performances, transcripts and graduation auditing
- Designed keynotes for the principals and department leaders in various projects
- Carried out advisory work for students of the Foreign Language Institution

Lecturer of Immunology and Transfusion Medicine @ Guizhou Medical University (China)

Sept 2012 - June 2014, Aug 2017 - Jan 2021

- Provided instruction, lab-based coaching, feedback, and academic assessments
- Instructed and supported students with academic and lab-based research projects

Skills: Communication · Adobe · Microsoft 365 · Medical Education · Immunology
Immunohematology · Molecular Immunology

EDUCATION

Software Engineering Technology - Health Informatics (Advanced Diploma)

Sept 2020 - Present

Centennial College, Ontario, Canada

GPA: 4.1/4.5

Core Courses: Software Engineering & System Design, Software Testing & QA, Data Structure & Algorithms, Unix/Linux
C# & Java Programming, Advanced Database Concepts, Web Application Development, Mobile Application Development

Immunology (Master of Science)

2008 - 2011

Guizhou Medical University, Guizhou, China

Pharmacology (Bachelor of Science)

2002 - 2006

Central South University, Hunan, China