

HARRY ZHANG

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TECHNICAL SKILLS

Languages:	Python, Java, JavaScript, C/C++, HTML, and R
Frameworks / Libraries:	Sass & CSS, React, Angular, Vue, ExpressJS, Spring Boot, Django, Ajax, jQuery, struts2
Technology Stacks:	Android, NodeJS, MongoDB, Postgres, MySQL, Apache, AWS, Docker, Azure, EJB, JSP
Version Control:	Git, GitHub, GitLab, CA Harvest SCM
Platforms:	Mac OS, Windows, Linux, VS Code, Jira, Trello, Figma, MS Office, WordPress
Automation Tools / Compiler:	JUnit, Selenium, Maven, Gradle, Ant, Make, Bash, npm, yarn
Other Knowledge:	REST, SOAP, JSON API, OOP, MVC framework, Agile Scrum, Data Structure, Algorithm

EXPERIENCE

Jr. Technical Analyst, Ministry of Transportation developed frontend web application	May-Dec 2021
<ul style="list-style-type: none">Developed frontend using Spring Boot, JavaScript, JSP, struts2Implemented backend with NodeJS, Java, Oracle database, EJB	
Business Owner, University of Guelph created moderate full-stack project	Apr-Jul 2020
<ul style="list-style-type: none">Designed frontend using HTML, CSS, JavaScriptBuilt backend with NodeJS, ExpressJS, Java, MongoDB	
Technical Support Assistant, University of Guelph designed UI and UX of school web page	Sep-Dec 2020
<ul style="list-style-type: none">Built user interface prototypes in HTML and CSSImplemented Agile Scrum to improve user experience	
Web Developer, CyberWorkshop designed web application to serve for business	May-Jun 2020
<ul style="list-style-type: none">Designed user interface on WordPressConnected backend data in MySQL to the server	
Data Analyst, Somoplay Inc. analyzed data in files and presented visual patterns	May-Aug 2020
<ul style="list-style-type: none">Analyzed data in JSON formatVisualized data using Python Matplotlib	

PROJECTS

Sprint Boot Web Application is an application that manages contacts	Aug-Dec 2021
<ul style="list-style-type: none">Managed data using JpaRepositoryImplemented user interfaces in Java VaadinPerformed unit testing with Junit, integration tests using SpringBootTest	
React API Project is a crypto dashboard to show info by calling Rapid APIs	May-Aug 2021
<ul style="list-style-type: none">Developed frontend using HTML, CSS, JavaScript, ReactImplemented backend with NodeJS, ExpressJS	
Full-Featured Web Application is for user to write his blog and post it on web application	Feb-Jun 2021
<ul style="list-style-type: none">Built with Python Django frameworkStored, manipulated, and retrieved data in PostgreSQL	
Full-Stack Image Parsing Application is client-server communication application	Jan-Apr 2020
<ul style="list-style-type: none">Developed SVG image parsing application in C languageParsed attributes using libxml, stored in tree data structureDeveloped frontend using HTML, CSS, XML, JSON, JavaScript, Ajax, jQueryImplemented backend with MySQL	
Dungeon Master UI Game is role-playing game contains rules to guide player	Sep-Dec 2019
<ul style="list-style-type: none">Designed GUI components by JavaFXDeveloped game logic using OOP JavaFollowed Design Pattern and tested by Junit test	

EDUCATION

University of Guelph, Guelph, ON

Bachelor of Computing, Computer Science (Co-op)

- Minor in Business Data Analytics
- In Dean's Honour List