

20200310

## Software Engineer Intern

### Venngage

Dear Hiring Manager:

Upon perusing through your job advertisement Software Engineer Intern, I was compelled to submit my application. As a Computer Science undergraduate with internship experience in technical support, I believe I am an excellent fit for the position.

By taking csc301, I have learnt how to build and manage a complete software and acquired knowledge about SDLC. By taking csc309 and working on Where2Live and JustPost, I learned developing both the front end and the back end of the website or an app, which involves implementing the user authentication and creating an efficient database schema. By taking the course csc343, I am familiar to SQL database that I know how to use it and have ideas how to build a database. By taking csc358, I acquired deep understanding of web and internet theory. In addition, through all the projects I completed, I have already qualified strong abilities of trouble shooting, team working, organizing, and so on. I believe my passion to learn new knowledge and ability of problem solving matches your expectation. In addition, I would also bring the following strengths and qualifications to your team:

- Technical proficiency in Java, Python, C, C++, JS, HTML, CSS, Node.js, jQuery, SQL, and MS Office/365; able to quickly learn new business applications, software, and technology.
- Skilled in software testing, debugging, troubleshooting, and developing technical service or solutions to address client needs.
- Able to do work under different OS, such as Linux, Mac OS and Windows.
- Familiar with version control tools, such as Git.
- Native or bilingual capacity in English and Chinese.

Moreover, I am willing to challenge myself and learn new stuffs. I was a Technical Support Engineer Intern at ZTE, wherein I held the responsibility of supporting client requirements gathering and technology solutions development. I also assisted in network construction for campus and joined different technical exchange meetings. This experience allowed me to hone my skills in fundamental business analysis, project management, networking, and client service. Also, it shows me how a real company runs and the working environment in real life.

As an emerging professional with an ardent passion for learning and strong detail orientation, time management, and interpersonal communication skills, I am confident that I would meet and exceed your expectations.

I look forward to hearing from you to discuss this opportunity in further detail. Thank you for your time and consideration.

Sincerely,  
Yiming Zhang

# Yiming Zhang

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## Qualifications Summary

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- Committed and systematic young professional, eager to optimize Computer Science background into a software analyst capacity.
- Familiar with software development lifecycle and methodologies, such as Waterfall or Agile.
- Adept at software testing, debugging, troubleshooting, and developing technical service or solutions to address client needs.
- Detailed knowledge in machine learning, neural networks, and networking.
- Excel and thrive in team environment and in working independently; outstanding communicator, native or bilingual proficiency in English and Chinese languages.
- Technically competent in Java, Python, C, C++, JS, HTML, CSS, Node.js, jQuery, MATLAB, SQL, and MS Office/365; able to quickly learn in using new software and technology.

## Education

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**Bachelor of Science, Computer Science Specialist, University of Toronto, ON** Expected 2021  
**Course Highlights:** Artificial Intelligence, Computer Vision, Web and Internet Technologies

## Work Experience

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**Technical Support Engineer Intern, ZTE** Jun 2019-Aug 2019

- Assisted in eliciting client requirements and developing technical solutions to address business needs and problems.
- Helped in establishing a campus' network construction by offering technical supported as required.
- Familiarized the company products and services to provide accurate information to customers.
- Participated in several meetings about technical exchange with other companies, credited for punctuality, excellent collaboration, and communication skills.

## Relevant Projects

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**Database Design Project** Oct 2018

- Designed a relation schema for elections using DDL format, wrote complex queries through SQL, including subqueries and aggregate functions, and embedded SQL to a high-level language via JDBC.

**Just Post** Jun 2018

- Developed a specialized mobile application for fashion and lifestyle, allowing users to view, comment and share posts; utilized React Native as frontend and Firebase as backend.

**Where2Live** Jan 2018

- Spearheaded the development and implementation of housing resources sharing website, empowering users to post and share information of available condos and houses for rent and sale using jQuery as library.

**Storage Management System** Sep 2017

- Designed and administered a store management system with SQL, appropriate for users with various authority over managing products and services.

**Gender, Race, Age Predictor & raw Face Swapping** Dec 2019

- Implemented a neural network using Keras that can predict gender, race, age of the people in a video, and swap the face of the people within given gender, race or age.