

Zhao Chen

COMPUTER SCIENTIST & PROFESSIONAL WRITER

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Education University of Toronto

Honours Bachelor of Science
Major: Professional Writing and Communication
Minor: Computer Science and Mathematics

Spring 2020

Experience Essex County Chinese Canadian Association

Winter 2019 -

Web Developer

Implemented a new website using ReactJS frontend and Node.js/Express backend.
Stored and pulled files and images from Amazon's AWS S3 storage
Built a GUI for the administration to edit the website text without directly changing the JSON object.

University of Toronto

Fall 2016 - 2017

LAUNCH Team Leader

Taught a weekly group of 20 first year science students by offering my knowledge as an upper year student.
Promoted to a LAUNCH Team Leader the following semester.
Mentored a new team LAUNCH Leaders while hosting my own weekly session of 18 first year students.

Vialect

Summer 2016

Software Developer Intern

Created a better design template for emails using HTML and CSS.
Upgraded the GUI for selecting a new application.
Wrote queries to sort a database based on application usage.

Projects PCEmpire

Implemented a website using the MERN to select computer parts based on compatibility.
Held weekly SCRUM meetings to write product backlogs and release planning meeting documents.
Stayed consistent with GitFlow organizational pattern.

Kevin Bacon Problem

Created a NoSQL Document-Oriented Database and stored actor information.
Transferred API calls into a Java server to create query to pull relationships from that database.
Returned the actors or movies that connect a person to Kevin Bacon or any two actors.

File Transfer

Created a client-server connection using C that duplicated or moved to another folder.
Hash files and transferred through socket to another folder to be reconstructed.

Technical

Coursework

Computer Organization Data Structures
Software Design
Software Engineer

Language

C/C++
Java
Python

Web

ReactJS
Node.js
MongoDB