

YING ZHOU



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EDUCATION

Honours Bachelor of Arts

September 2017 – April 2021

University of Toronto

CGPA 3.84

Dean's List Scholar

January 2018 – April 2021

SKILLS

Web: HTML, CSS, JavaScript, React

Tools: Photoshop, Illustrator, Figma, ArcGIS, Pytest, Postman, Git

Languages: Java, Python, C, SQL, Unix

PROJECTS

§ Online Sudoku Puzzle (<https://online-sudoku-solver.herokuapp.com/>)

October - November 2021

- Worked in a team of 2 to design and implement an online sudoku solver that uses backtracking to solve sudoku puzzles
- Implemented the front-end using React, creating a user form for submitting a sudoku puzzle and view for displaying the solution; deployed on Heroku
- Created 17 unit test and regression test cases using Pytest

§ Pursuit Mobile App Prototype (<https://www.figma.com/proto/v6SdntqGCmetUSAFdPpkCH/Hi-fi-Prototype?node-id=782%3A27580&scaling=scale>)

September - December 2020

- Worked in a team of 6 to design a prototype for a mobile social media fitness app that features curated guides with information contributed by community members
- Conducted surveys to identify challenges individuals may face when participating in online communities and finding accurate information
- Created low-fidelity and high-fidelity prototypes for usability testing
- Won 3rd place in UX design competition

§ Android Mobile Game

September - December 2019

- Worked in a team of 6 to design and implement a mobile game using Android Studio
- Used object oriented programming and several computer science design patterns such as observer, dependency injection, and factory method

EXTRA-CURRICULARS

§ Hyperstructure Design Team Member

May - September 2021

University of Toronto Hyperloop Team

- Created 5 maps using mapping technologies and Python scripts analysing census and environmental data to aid in the design of a potential hyperloop transit system between Toronto and Montreal
- Managed 7 new team members and coordinated their tasks

§ Computer Science Tutor

January 2019 - April 2021

University of Toronto

- Tutored students in various computer science courses and provided clear and detailed notes, allowing students to understand concepts better, improving their marks by 5-10%
- Provided clear answers to questions on class discussion boards