

HARRY ZHANG

EDUCATION

Bachelor of Computing,
Software Engineering
(Co-op) | 2018 - present

University of Guelph
- Completing a minor in
Business Economics

SKILLS

Knowledge of
Programming Languages:

C/C++, Python, Java,
JavaScript, SQL

Knowledge of Data
Structures and
Algorithms:

Arrays and Strings,
Linked lists, Trees and
Graphs, Queues and
Stacks, Hash tables, Big
O, Recursion, Sorting,
Searching

Other:

Knowledge of Universal
Principles of Design, Agile
method, Design Pattern

(ZENGHAOYU)

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EXPERIENCE

AI Algorithm (currently volunteering in a company that develops mobile applications, mobile games, and websites; the first mission is to grab necessary data from .osm (OpenStreetMap) file and convert it into .geojson file)

- Implementing with Python in environment of Visual Studio

Hub ECoop Program (currently taking an internship in the University of Guelph, which provides entrepreneurial opportunity to start a business)

- Oral & Written Communication and Problem-Solving skills
- Being innovative and creative, and take one's own leadership

Web Client-Server Project (a dynamic web app that communicates between Web client and Web server by updating, editing, displaying)

- Created in Linux terminal with C
- Applied CSS, XML, JSON, jQuery, Node.js

Dungeon Master Interface Project (a simple game developed with the use of graphics components, which allows to display the components, such as chambers, passages, treasures, etc.)

- Developed in IntelliJ with Java
- Followed design pattern and tested by Junit

Contact Management System Project (more of a database project that is built using language's file handling mechanism (add, modify, delete records in a file))

- Encoded C language in Visual Studio
- Applied data structures and algorithms
- Compiled with makefile and tested by extreme cases

Documentary UI Project (a design of user interface that displays text messages and posts)

- Worked collaboratively to come up with ideas
- Improved user interface by implanting Agile method using paper prototype
- Applied knowledge of Universal Principles of Design to be aesthetic and usable to all users

Volunteered in making lunch for Alexander Mackenzie High School

- Collaborated with a team of 5 to make lunch in a semester and got a certification that honoured, "Consistently Being a team player".