

HAODA FAN

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SKILLS

WEB DEVELOPMENT USING HTML/CSS/JAVASCRIPT

- Created websites and webpages both by scratch, and by using libraries such as Bootstrap and Animate.css

PROGRAMMING PROFICIENCY IN JAVA, C, PYTHON

- Took courses in Java and C during high school and first year university, self-taught Python
- Some self-taught knowledge in C++, C#, and JavaScript from individual projects
- Knowledgeable in both object oriented and functional programming paradigms

PROJECTS

JAN 2017 | LECTURE BUDDY - 2ND PLACE MCHACKS PROJECT

- Designed for and won 2nd place overall in McHacks, a 24 hour hackathon at McGill University
- Created to provide real-time non-intrusive feedback from the audience to lecturers
- Self-taught the use of HTML/CSS, Bootstrap, Animate.css, and JavaScript to create the UI and webpages

JULY 2016 | LEAP THE WALL - PERSONAL WEB PROJECT

- A personal web project I created while I was learning back-end web development
- Created to allow myself to send messages to my friends on Telegram while I was in China (Telegram is blocked in China)
- Learned the basics of node.js and back-end programming, including how transmit data to and from a server

JUNE 2016 | VECTOR PLAYGROUND - SCHOOL PROJECT

- A culminating group project for Grade 12 Computer Science class
- Designed for users to visualize vectors and vector operations such as cross product in a 3-dimensional space
- Learned how to program in the Unity 3d engine, and a new language, C#
- Gained an understanding of how to tailor the software to a specific client (my math teacher, in this case)

WORK/VOLUNTEER EXPERIENCE

DEC 2016 | VOLUNTEER MENTOR - CENTENNIAL CVI LOCAL HACK DAY

- Successfully ran an hour-long workshop on basic web development using HTML and CSS
- Coached and mentored students, helping them complete their projects

AUG 2015 - JULY 2016 | KITCHEN EMPLOYEE - MCDONALD'S

- Learned to communicate clearly, efficiently, and positively in a fast-paced working environment
- Followed detailed procedures on safe food preparation both quickly and accurately

EDUCATION

SEPT 2016 - PRESENT | COMPUTER SCIENCE - UNIVERSITY OF WATERLOO

- Expected to graduate with a Bachelors of Computer Science in 2021
- Finished a study term in Italy/France for 2A, as part of the Math In Europe Program