Waterloo ON
https://github.com/YuhanLiin
1A Computer Engineering

YUHAN LIN

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SUMMARY OF QUALIFICATIONS

- **Languages**: Python, HTML, JavaScript, CSS, working knowledge of C++ and Java
- **Frameworks**: JQuery, Bootstrap, Webapp2
- **Tools**: Google App Engine, Sublime Text 3, Git, GitHub, working knowledge of Visual Studio
- **Concepts**: OOP, pointers, basic algorithms and data structures, working knowledge of NoSQL databases
- Initiative and ability to learn fast demonstrated by self-directed completion of multiple online programming courses in the course of weeks

RELEVANT EXPERIENCE AND PROJECTS

Personal Website HTML**,** JavaScript, JQuery, CSS, Bootstrap   **August 2016**
- Developed multi-page personal website from scratch as an online showcase for my projects and resume.
- Designed custom animation sequences and event-handling for page elements with the JQuery framework to improve user experience and interactivity.

URL: https://yuhanliin.github.io/my-site/projects.html

Mini-Chat   Python, Google App Engine, JavaScript, JQuery, CSS   **July 2016**
- Created a single-page web chatroom application with the webapp2 framework on Google App Engine.
- Implemented system for automatically updating the client UI with new chat messages by using App Engine's Channel API and JQuery's AJAX toolkit, thereby allowing the application to respond to users in real time.

URL: http://mini-chat-140720.appspot.com

Turf Wars Java, AWT   **June 2016**
- Conceptualized and built real-time two-player game in Java for the final project of Gr. 12 Computer Science.
- Exhibited initiative and time-management by moving beyond the minimum project requirement of making a Solitaire game with prebuilt assets and creating a new game from scratch within the designated deadline.
- Designed scalable game graphics with the AWT package by sizing UI elements according to screen size, thereby providing a more responsive user experience.

EDUCATION

University of Waterloo   **Waterloo, ON**   **September 2016 – May 2021 (expected)**
- Candidate for Honours Bachelor of Applied Sciences in the Computer Engineering program.

Markville Secondary School   **Waterloo, ON**   **September 2012 – July 2016**
- Received Ontario Secondary School Diploma.

Udacity (MOOC)   **udacity.com**   **October 2013 – July 2016**
- **Courses:** Intro to Computer Science, Programming Languages, Intro to Algorithms, Web Development, Intro to HTML and CSS, JavaScript Basics, Intro to Git and GitHub.

ADDITIONAL EXPERIENCE AND AWARDS

- **President's Scholarship (2016):** Received $2000 from the University of Waterloo for academic achievement.
- **Student Achievement Award (2016):** Awarded by Markville Secondary School for having the highest overall average out of the graduating class.
- **Canadian Computing Competition (2014):** Achieved perfect score on the Junior competition hosted by the University of Waterloo.