Leon Liang

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EDUCATION   **University of Michigan**   Expected Graduation: April 2017
Bachelor of Science in Computer Science
GPA: 3.78/4.00

COURSEWORK EECS 381 (Object Oriented and Advanced Programming), EECS 482 (Intro to Operating Systems)
EECS 481 (Software Engineering)

EXPERIENCE   **Lockheed Martin – Mission Systems and Training**   Syracuse, NY
Software Engineering Intern   Summer 2016
- Collaborated with a team of 8 in an Agile environment with daily progress meetings.
- Corrected Coverity defects and refactored numerous functions to increase readability and maintainability.
- Created unit tests for new and existing code using Google Mocks.
- Gained experience with Python by editing scripts for test automation.

University of Michigan Information and Technology Services   Ann Arbor, MI
Computer Consultant   October 2015 – April 2016
- Provided both personal and classroom technical assistance for the Architecture school.
- Monitored all printers in the Business school, troubleshooting any problems that arise.

New York City Department of Records and Information Services   Manhattan, NY
Web Development Intern   Summer 2014
- Helped implement a backend and frontend of a search portal for NYC documents
- Gained experience with MySQL to edit database document information, making them concise and descriptive
- Designed a simple website using HTML/CSS (Bootstrap) that allows users to easily search for birth records

MPowered Entrepreneurship - DesignME   Ann Arbor, MI
Core Member   Winter 2014
- Organized a competition that aims to bridge the gap between the art and tech spheres
- Marketed the event throughout campus using events, fliers and social media outlets
- Cooperated with local Ann Arbor startups to sponsor the competition and provide prizes

PROJECTS   **Standard for Spatial Accessibility (SSA)**
- Created an iOS application that allows visually impaired users the ability to navigate spaces by reading RFID tags.
- Learned Swift to query our homemade SQLite database and parse the information retrieved to present to the user.
- Interacted with the customer frequently to ensure all UI considerations meet certain special needs.
- Helped write an ISO standard to ensure that all future RFID tag bits will be able to be read by the application.

Tesla Jarvis
- Worked with a team of four on a web application that allows users to remotely control their Tesla Model S.
- Learned Flask with Bootstrap in order to implement a simple backend and frontend.
- Gained experience with Python by using the Tesla API and parsing National Weather Service webpages

LANGUAGES Proficient: C++
Knowledgeable: Python, Swift, HTML, CSS, Javascript, MySQL