Charles V. Wang

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Education

University of Michigan College of Engineering   **August 2013 - Present**
GPA: 3.86/4.00   Expected Graduation: December 2016
Major: B.S.E Computer Science   Minor: Mathematics.
Awards: James B. Angell Scholar (three straight semesters of As); 2nd Place Facebook Security Capture the Flag.
Activities: MPowered Tech Team; Michigan Hackers Core; UROP Research; Hackathons; HKN Electee; ACM-
   ICPC Programming Team; University of Michigan Men's Glee Club.

Shanghai Jiao Tong University (Joint Institute Program)   **May 2014 – August 2014**
- Took EECS courses and a philosophy course while being immersed in a Chinese university environment.

Stanford University (Stanford High School Summer College)   **June 2011 – August 2011**
- Took an electrical engineering design course and introduction course to microeconomics.

Experience

Tech Intern at Google   **June 2015 – August 2015**
Set up infrastructure to replicate Google's advanced customers' mobile ad conversion tracking ecosystem on
Google's AdWords and AdMob networks. This allows Google to test its tracking technology from an advertiser's
perspective and troubleshoot issues that are reported by their advertisers.

Tech Team Director for MPowered Entrepreneurship   **January 2015 – Present**
Overseeing website and mobile app development.

iOS Developer for Michigan Hackers   **January 2015 – Present**
Developing apps purposed for student and group productivity.

UROP Researcher at the University of Michigan for Asst. Prof. Hui Jiang   **September 2013 – April 2014**
Designed software that indexes thousands of cancer patients' genomes to quickly determine if a given DNA
mutation sequence is contained throughout the genome database (more details on my website).

Skills

- Languages – C++, Java, C, Python, JavaScript & MATLAB
- Android & iOS Development – Java, Swift, Objective-C, XML
- Dev Tools/Environment – UNIX (Linux & OS X), Github
- Other – Google Cloud Platform, Verilog, HTML, CSS, JSON, PHP, SQL, & databases

Projects

More details can be found on my website.
- Oversaw the development of MPowered Entrepreneurship's first mobile app launch for iOS and Android.
- Built an 8x8x8 LED Cube and programmed an FPGA board in assembly to graph 3D functions (team of four).
- Built an automated vinyl record cleaner for my senior project (team of two).
- Built a portable MP3 player for my Stanford summer engineering design course (individual).