Charley Ho

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EDUCATION
BS in **Electrical Engineering** focus in Software
Stanford University, Palo Alto, CA, Graduated June 2013
MS Candidate in **Electrical Engineering** focus on Software Systems
Stanford University, Palo Alto, CA, Expected in June 2014

EXPERIENCE
US-Asia Technology Management Center Sept 2013-Current
Research Assistant
• Worked as an assistant in multiple projects involving startup analysis for large Japanese technology companies. Initial project involved analysis of technology and business trends in big data analytics software. Current project involves future business opportunity discovery in cloud computing-based human interfaces.

Microsoft Corporation June 2012 – Sept 2012
Software Development Engineering Intern
• Developed an Xbox 360 application for use with internal cloud-based video-on-demand service. Implemented smooth-streaming, Metro UI, and various backend components for application. Worked as intern team PM and developer for multiple sprints, managed requirements, specs, and implementation.

Alphonso Labs (Pulse News) Jun 2011 – Dec 2011 (acquired by Linkedin in 4/2013)
Backend Software Intern
• Developed data analytics web dashboard for News Publisher analysis including data analysis, worked with millions of data points per week, used for corporate partners for a period of time.

Stanford Artificial Intelligence Robot Lab Jun 2011 – Dec 2011
Robotics Research Intern
• Researched under Professor Andrew Ng. Developed applications for the PR2 robot, including an automated salad chef, and automated trash collecting robot. Wrote software for concurrent autonomous-user assisted object recognition & collection.

eHi Auto Service June 2011
IT Consultant
• Researched and analyzed IT processes for successful Chinese zipcar-esque startup, presented findings to executive leadership team. Led team to release new product to market.

The Social Collective Jun 2010 – Jan 2011
Engineer
• Developed social gaming application on Facebook for early stage startup, worked on Ruby backend for "EarnMojo.com" project.

CISCO Systems Jun 2010 – Dec 2010
Co-op Intern
• Worked in Research and Advanced Development, in the 2010 Cisco Pioneer Award winning
Open Source Development team. Worked on code optimizations for internal products, including javascript front end, J2EE back end, and oracle database optimizations.

Lexity Inc. Jan 2010 – Jun 2010 (acquired by Yahoo in 7/2013)
Co-op Intern
• Worked in recent startup developing automated test infrastructure for development assistance.

NASA Ames Research Center June 2008 – Aug 2008
High School Research Intern
• Worked on Robotic UAV, Research paper on "Creation of a Small Scale Autonomous Unmanned Aerial System".

SKILLS
• **C/C++/C#, Python,** Bash/Linux, Java/J2EE/Android, PHP, **MySQL**/MongoDB, Matlab, Ruby on Rails, node.JS, AWS
• Image processing, robotics, embedded/microcontroller programming, circuit design, PCB/chip design, rapid prototyping

OTHER
• 2nd place award for Senior Project, developed mobile & web based application for location-based music discovery.
• Entrepreneurship Fellow in EBS (European Business School) in Germany
• semi-finalist for the Techstars Kinect Startup Accelerator program, for a head-tracking based glasses-less 3d web chat application, as the only undergraduate team to get to the last round.