CHRISTOPHER RYAN WONG
crwong@stanford.edu • (949) 433-0864

Current Address
P.O. Box 14179
Stanford, CA 94309

Permanent Address
3 Meryton
Irvine, CA 92603

EDUCATION

Stanford University, *M.S. in Computer Science (Artificial Intelligence)*   *9/2014 – 12/2015 (expected)*
- Cumulative GPA: 4.08 / 4.0

Stanford University, *B.S. in Computer Science (Systems)*   *9/2011 – 4/2015*
- Conferred with Distinction
- Major GPA: 4.14 / 4.0; Cumulative GPA: 4.10 / 4.0

WORK EXPERIENCE

Software Engineering Intern, *Rubrik, Inc.* (Palo Alto, CA)   *6/2015 – 9/2015*
- Summer intern from June 2015 to September 2015.

CS 103 TA, *Stanford University* (Stanford, CA)   *3/2015 – 6/2015*
- Responsible for holding office hours and providing assistance in writing and grading all homework and exams.

Software Engineering Intern, *Google Inc.* (Mountain View, CA)   *6/2014 – 9/2014*
- Contributed to internal tools that help efficiently bring up and maintain data centers.
- Implemented a large-scale feature that allows a user to create a calendar timeline of various scheduled tasks, providing assistance with scheduling people and groups in the most efficient way to minimize the critical path.

Software Engineering Intern, *LinkedIn Corp.* (Mountain View, CA)   *6/2013 – 9/2013*
- Collaborated with product management and data science to create a specification for user profile Guided Editing (GE) for derived user location. Fully implemented this task and updated other location-based GE tasks.
- Brainstormed and implemented APIs for backend profile services using REST principles.

CS 106 Section Leader, *Stanford University* (Stanford, CA)   *9/2012 – 3/2014*
- Responsible for teaching a full section, grading and providing feedback for all assignments, and holding a weekly shift in the LaIR to help all students in CS 106A/B/X.

Software Developer Intern, *Resolve Systems* (San Clemente, CA)   *6/2012 – 8/2012*
- Created, tested, and documented API and Web Services API for the Resolve IT Automation platform.

SKILLS AND PROJECTS

Languages: Java, C/C++, Python, HTML/CSS, JavaScript, Objective-C, Ruby/Rails
Coursework: Algorithms and Data Structures, Data Mining, Computer and Network Security, Machine Learning, Cryptography, Parallel Computing, Operating Systems, Compilers, Computer Networking

SnapVX: Network-based Convex Optimization Solver
- With Dr. Jure Leskovec, implemented a library to solve network-based convex optimization problems by combining the capabilities of Snap.py and CVXPY. Link: http://snap.stanford.edu/snapvx/

Context-Free Grammar Development Tool
- With Mr. Keith Schwarz, built a web application that allows users such as students in Stanford's CS 103 course to develop and test context-free grammars. Link: http://web.stanford.edu/~crwong/cfg/grammar.html

dm-crypt Disk Encryption Multiuser Feature
- With Dr. Dan Boneh, contributed a new feature to the dm-crypt disk encryption subsystem to support multiple symmetric keys per volume. Prototyped within Linux with the goal of future integration into Chrome OS.

HONORS AND AWARDS

- **Frederick E. Terman Award for Scholastic Achievement in Engineering** (Stanford, 2015)
- **Global Fellow – Kairos Society** (Stanford Chapter, 2014)
- **Tau Beta Pi – Engineering Honors Society** (California Gamma Chapter at Stanford, 2014)
- **President's Award for Academic Excellence in the Freshman Year** (Stanford, 2012)

OTHER EXPERIENCE

Artistic Director, Performance Director, **Performing Member**, *Stanford Taiko*   *10/2011 – 6/2015*
- Planned all rehearsals (2014-15) and directed the group's performances (2012-14).
- Maintained and updated the group's website (2012-15): http://taiko.stanford.edu

Core Member, *Stanford Asian-American Students' Association*   *10/2011 – 6/2013*
- Assisted in planning and coordinating large multiethnic Asian events.

Interests: Swimming, College Football and Basketball, Music