

# Viona Lam

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[violxy.com](http://violxy.com)

## EDUCATION

- **Harvey Mudd College, Claremont, CA** Expected
- B.S. Computer Science – 3.66/4.00 May 2015

## SKILLS

- Proficient in Javascript, Python, HTML, CSS
- Knowledgeable in C++, Java, Arduino, Racket, Subversion, LaTeX
- Fluent in English, Mandarin
- Intermediate in Japanese

## RELEVANT COURSEWORK

- Natural Language Processing Fall 2014
- Computer Systems Spring 2014
- Programming Languages Fall 2013
- Algorithms Spring 2013
- Software Development Spring 2013
- Image Processing Fall 2012
- Data Structures and Program Development Fall 2012
- Introduction to Engineering Design/Manufacturing Spring 2012
- Autonomous Vehicles Fall 2011

## WORK EXPERIENCE

- **Software Engineering Intern on OneGoogle Team at Google** Summer 2014
  - Fixed bugs for existing OneGoogle bar
  - Implemented 'Universal Create' prototype to replace the old 'Share' function
  - Created Design Document and additional documentation for 'Universal Create'
- **Engineering Practicum Intern on Chrome Network Stack Team at Google** Summer 2013
  - Created waterfall tab for Chrome's net-internals using Javascript, HTML, CSS
  - Designed and implemented visualization for URL Requests and associated page load events for use in diagnosing network-related page load issues
  - <chrome://net-internals/#waterfall>
- **CS Grader/Tutor at Harvey Mudd College** Fall 2012 - present
  - Tutored students taking Principles of Computer Science
  - Graded work of students taking Principles of Computer Science
- **CS Researcher at Harvey Mudd College** Summer 2012
  - Improved existing HMC course curriculum starter code
  - Wrote NFA/DFA/Turing Machine emulator in Python for use in grading student homework
  - Helped conduct a workshop for middle school teachers on computer science
  - Wrote up, tested and improved an introductory robotics course for a community college

## HONORS AND AWARDS

- Dean's List All semesters
- Harvey S. Mudd Merit Award 2011 - present
- Harvey Mudd International Student Scholarship 2011 - present

## INTERESTS

- Short/Flash Fiction Published in Nanoism, Seedpod, A\*STAR Science Chronicles 2010 - present
- President of Archery Club 2013 - onwards