

# Priscilla Lee

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## EDUCATION:

- 2014-present **WELLESLEY COLLEGE**, Wellesley, MA  
B.A. Computer Science, Class of 2018, GPA 4.0. Coursework includes multivariable calculus, data structures, web mashups, logic, and computer music. *\*Fall 2015 courses will include theory of programming languages, tangible user interfaces, and combinatorics & graph theory.*
- 2008-2014 **OXFORD ACADEMY**, Cypress, CA  
California Distinguished High School, GPA 4.0. Twelve years violin, six years guitar, and four years symphony orchestra (2012 Carnegie Hall performance). Three years foil fencer (2012 USFA Nationals), and three years varsity track & field athlete (girls field MVP).

## PROJECTS:

- Summer 2015 **TETRIS [GAME]**, *Javascript and HTML Canvas*  
A purely fun side project that implements the classic Tetris arcade game. Currently includes a next block preview, a hold feature, ghost pieces, fine-tuned Tetromino rotation and random generation, as well as customized grid sizes. Hoping to add wall and floor kicks, score-keeping, customizable styles, and more.
- Spring 2015 **WORLD EXPLORER [GAME]**, *Javascript, HTML, CSS*  
A game in which the player must "visit" famous locations of the world. Relies on the Google Maps API, MeteorJS, MongoDB, Bootstrap, and D3JS. Includes a leaderboard, a scatterplot visualization, a recommendation system, and a photo album.
- Fall 2014 **PATH FINDER [GAME]**, *Java*  
A grid-maze game in which the player must visit all given target destinations in the fewest number of steps possible. Incorporates graph algorithms, stacks, recursion, graphical user interface. Allows for completely randomized levels and customizable levels.

## WORK:

- Fall 2015 **SUPPLEMENTAL INSTRUCTION LEADER (DATA STRUCTURES)**, *Wellesley College PLTC*  
Attend lectures, prepare handouts and worksheets, conduct two 1-hour sessions per week to review and practice course material, answer students' questions during drop-in office hours
- Summer 2015 **RESEARCH ON DIGITAL WATERMARKS**, *University of Houston CS REU Program*  
Work with Dr. Ernst Leiss in an 10-week undergraduate research program to improve insertion, detection, and extraction techniques for digital watermarks.
- Spring 2015 **TUTOR & GRADER (DATA STRUCTURES)**, *Wellesley College CS Department*  
Answered students' questions during drop-in hours, assisted instructor during lab, graded problem sets.

## ACTIVITIES:

- Fall 2015 **ROBOGALS CO-TRAINING MANAGER**, *Wellesley College*  
Develop and plan workshops to teach and encourage young girls to enjoy computer science and STEM subjects, train and manage volunteers
- 2014-present **VARSITY TRACK & FIELD ATHLETE**, *Wellesley College*  
High jump, triple jump, long jump.
- 2014-present **COMPUTER SCIENCE CLUB**, *Wellesley College*  
Help plan the Fall 2015 Wellesley Hackathon, helped plan the Spring 2015 Wellesley & Simmons Hackathon, volunteered at Hour of Code event.

## ACADEMIC HONORS:

- 2013-2014 **AP SCHOLAR WITH DISTINCTION**  
*Score of 5:* AP Chemistry, AP Calculus BC, AP English Language, AP US History, AP Psychology, AP Statistics, AP English Literature, AP Government & Politics, AP Computer Science

## SKILLS:

- Programming **ADVANCED:** Java **PROFICIENT:** HTML, CSS, Javascript **BEGINNER:** Python