

# Regina Ongowarsito

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daggerdagr.github.io

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## EDUCATION

### University of California, Berkeley

Intended Bachelor of Arts, Computer Science and Bachelor of Arts, Cognitive Science

Aug '14 - May '18

Cumulative GPA: 3.91

#### Relevant Coursework:

- CS 61A - Structure and Interpretation of Computer Programs
- CS 98 - 53 - Practical Problem Solving with Programming
- NE 24 - Putting the Science in Computational Science
- CS 98 - 32 - Web Design DeCal

## PROJECTS

### Ants vs. Bees - Python (Class Projects)

- Exercise in class attributes, methods, instances, and inheritance.
- A tower-defense style game containing different defensive 'Ant' units, all of which are classes that inherit from a basic 'Ant' unit class, that behave according to their respective, unique unit attributes and the attributes of the location the unit was placed into.

### Maps - Python (Class Project)

- Programmed a predictor to predict users' ratings for different Berkeley restaurants based on users' past reviews
- Applied the k-means algorithm to a list of restaurants to group restaurants into clusters
- Developed a program that provide different users' preferences, recorded and predicted, for each cluster of Berkeley restaurants

### Hog Game - Python (Class Project)

- Programmed a working iteration of a dice-rolling game with complex, score-specific rules and options for number of die
- Developed intricate strategies to implement against a default strategy of rolling a set amount of dice

### Jumpscare Warning System - Java

- Created for fans of horror videogames playthroughs who dislike sudden, loud scares typical to horror games
- Takes user-inputted times of jumpscare, often found in the comments section of horror games playthrough videos, and the user's desired countdown duration
- Creates a .srt file compatible with various video players containing the users' set countdowns to the user-inputted jumpscare times

## SKILLS

- Proficiency in Python, HTML, CSS, and Javascript
- Proficiency in Photoshop, Illustrator, Premiere Pro, Audition, and InDesign

## EXTRACURRICULARS

### Scholar

Jan '15 - Present

CS Scholars - [cs-scholars.berkeley.edu](http://cs-scholars.berkeley.edu)

- A UC Berkeley organization aimed to help students from underserved backgrounds with limited access to Computer Science resources succeed in the Computer Science field
- Attended a weekly seminar for discussions concerning different issues of Computer Science, such as lack of diversity in the CS field, privacy in the internet, and extracurricular CS opportunities

### Co-Founder / Co-President / Solidworks Officer

Oct '13 - May '14

International Polytechnic High School Robotics Club

- Oversaw work relationships and mediate conflicts between different departments and club members
- Assisted marketing department with digital media creation
- Coordinated school funding and support for club activities

### Volunteer Assistant Photoshop Instructor

Feb '13 - May '13

International Polytechnic High School Photography ROP

- Guided students on varying and extended applications of Adobe Photoshop
- Helped instill safer and smarter Photoshop and design habits in students