

Emily Shoji

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Education

Loyola Marymount University

Bachelors of Science, Computer Science

Los Angeles, CA

Expected Graduation: May 2019

Relevant Courses:

Data Structures

Discrete Methods

Interaction Design

Algorithms

Theory of Computation

Language Translation &

Calculus I, II, III

Programming Languages

Implementation

Experience & Employment

Loyola Marymount University Math Department

Los Angeles, CA

Rains Research Assistant

November 2017 - Present

- Assist in compiling data about each class at the university containing statistics in course material
- Prepare, maintain and update website materials using WordPress technologies
- Interact with faculty across campus to request materials or coordinate data collection

Loyola Marymount University Children's Center

Los Angeles, CA

Caregiver & Teacher's Assistant

September 2016 – December 2017

- Respect children and encourage them to be a protagonist in their own environment
- Make effort to create trusting relationships with the 12 children as well as with others in different classrooms
- Help teachers with children's daily routines (feeding, diaper changing etc.) at a National Association for the Education of Young Children (NAEYC) accredited center
- Maintain a healthy and safe environment for children

Google Computer Science Summer Institute Extension at LMU

Los Angeles, CA

Teaching Assistant

July – August 2017

- Aid student participants in their web development projects using Google App Engine
- Demonstrate responsibility and LMU's mission in and outside the classroom
- Help instructors with program planning and setup each day
- Facilitate student adjustment to the University and to their residence halls

Notable Projects

- **Pokémon Searcher** – Using the PokeAPI, Bootstrap and jQuery can search for Pokémon by their ID or name, list all Pokémon of a type or show the first 20 Pokémon.
- **Maze Creator Game** – Implements direct-manipulation and multi-touch capabilities on smart phones, Users can drag to draw, move and delete maze walls, then tilt the phone's accelerometer to move the ball around the screen.

Additional Skills

- Fluency in Java, JavaScript, jQuery, Python, HTML, CSS,
- Experience with C, C++, Elm, Bootstrap, Node.js, Google App Engine Technologies

Extracurricular Activities

Association for Computing Machinery (ACM) at LMU

Los Angeles, CA

Member

2015 - Present