

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	Operating Systems	Interaction Design
Algorithms	Theory of Computation	Language Translation & Implementation
Calculus I, II, III	Programming Languages	

Experience & Employment

Loyola Marymount University Math Department
Rains Research Assistant

Los Angeles, CA
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
Caregiver & Teacher's Assistant

Los Angeles, CA
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
Teaching Assistant

Los Angeles, CA
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

Golden Pear Inc.
Typhoon! Streets of Asia Cashier

Redmond, WA
July 2016 – July 2017

- Receive payment by cash, check, credit cards, vouchers, or automatic debits.
- Issue receipts, refunds, credits, or change due to customers.
- Count money in cash drawers at the beginning of shifts to ensure that amounts are correct
- Greet customers entering establishments.
- Maintain clean and orderly checkout areas.

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

- **Fluent** in Java, JavaScript, jQuery, Python, HTML, CSS
- **Experience** with C, C++, Elm, Bootstrap, Node.js, Google App Engine Technologies, JSON, OpenGL
- **Beginner** in Amazon Web Service Technologies

Extracurricular Activities

Association for Computing Machinery (ACM) at LMU
Member

Los Angeles, CA
2015 - Present