

Ian Lizarda

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EDUCATION

Bachelor of Science, Computer Science

Loyola Marymount University
1 LMU Drive, Los Angeles, CA 90045

GPA: 3.67
Expected May 2020
Dean's List

RELEVANT COURSEWORK

Computer Programming	Data Structures	Programming Languages
Programming Laboratory	Algorithms	Interaction Design
Calculus I, II	Logic Design	Theory of Computation
Methods of Proof	Computer Systems Organization	Artificial Intelligence

SKILLS

- **Programming (Proficient):** JavaScript, TypeScript, Java, Python
- **Programming (Familiar):** C/C++, Haskell, HTML & CSS
- **Technologies:** Git, Bash, npm, Google App Engine, Datastore, Node.js, React/React Native, Jenkins CI
- **Operating Systems:** Windows, macOS, Linux

SELECTED PROJECTS

- **LionHouse:** Created a forum website hosted by Google App Engine in Python, HTML, CSS, and Javascript, utilizing the Cloud Datastore database and Google Users API
- **Hero Collision:** A web-app created in React and Node.js utilizing the RESTful Superhero API that allows users to create score-based teams of comic book characters from different universes
- **Ad Agent Decision Network:** Implemented an autonomous advertising agent using Python and Pomegranate that maximizes an item's sales through a decision network, based off user-collected data
- **AutoCompleter:** A Java class utilizing a ternary tree to implement a basic version of Google's suggested search, which outputs a completed word when a string is inputted

WORK EXPERIENCE

Google CSSIx Teaching Assistant

July 2018 - August 2018

LMU College of Electrical Engineering and Computer Science

- Aid student participants with coding their software projects using Google App Engine
- Help with program planning and setup for the day-to-day activities
- Facilitate student adjustment to the university and their residence halls

Computer Science Teaching Assistant

August 2017 - Present

LMU College of Electrical Engineering and Computer Science

- Assist and tutor 5-10 students per shift with computer science-related work
- Keep clear, verbal communication with other teaching assistants and computer science faculty
- Explain key concepts to assure students' understanding of varying computer science topics
- Maintain Jenkins server and create/manage jobs used for grading homework on Github repositories

Student Liaison

LMU Seaver College of Science and Engineering

August 2018 - Present

- Interact with current and prospective students, faculty, campus offices and other visitors
- Develop a friendly relationship with students as a means of helping them adjust to college
- Perform general office tasks for the college Dean's Office and the Center for Student Success

INVOLVEMENT

President, Association for Computing Machinery

2018 - Present

Member, Delta Sigma Phi Fraternity

2017 - Present

Libero/Setter, LMU Club Volleyball

2016 - 2018

Member, Kyodai Japanese Cultural Club

2016 - Present