

Donovan Moini

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EDUCATION

Loyola Marymount University (LMU)

Bachelor of Science, Computer Science | Minor in Philosophy

May 2020

GPA: 3.90

RELEVANT COURSEWORK

Computer Programming

Programming Lab

Data Structures

Algorithms

Computer Systems Organization

Introduction to Methods of Proof

Discrete Methods

Logic Design

Calculus I, II, III

TECHNICAL SKILLS

Programming Languages: Java, Python, HTML, CSS, JavaScript/jQuery, Swift, C

Tools/Frameworks: Git/GitHub, BootStrap

Computer Software: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Google Drive, Canva

SELECTED PROGRAMMING PROJECTS

(Portfolio: dmoini.github.io)

- **Intzilla:** Integrated arithmetic for arbitrarily large integers in Java from scratch and demonstrated their capabilities with a Factorial, Fibonacci, and Exponent class
- **Autocompleter:** Utilized ternary trees in Java to suggest completed words for various string inputs
- **Sentinal:** Used a Java implementation of hash tables/functions to analyze a text file and determine whether its words have an overall positive or negative tone
- **Pi Estimator:** Implemented Monte Carlo simulation in Java to estimate value of pi
- **Optimal Change Maker:** Used dynamic programming in Java to solve the change-making problem

RELEVANT EXPERIENCE

Computer Science Teaching Assistant

August 2018 - present

Loyola Marymount University | Los Angeles, CA

- Assist and tutor students with computer science-related work
- Clarify and explain key computer science concepts to assure students' understanding of varying topics
- Maintain clear communication with other teaching assistants and computer science faculty

Field Technician

September 2016 - present

LMU ITS Classroom Support | Los Angeles, CA

- Maintain, repair, and update all classroom technology and equipment across the LMU campus
- Train and support faculty members in use of classroom technology
- Answer 15+ calls weekly to assist LMU faculty and students with classroom technology

WORK EXPERIENCE

Orientation Leader

August 2017

Loyola Marymount University | Los Angeles, CA

- Assisted with coordination and execution of First Year Orientation
- Supported incoming students in learning and navigating campus systems and resources while leading small groups of 30+ students

Living Learning Community Student Coordinator

Summer 2017

Loyola Marymount University | Los Angeles, CA

- Organized travel, tickets, food, and schedules for both the Program for an Engineering Education Community and Life Science Early Awareness living learning communities during move in week
- Tracked and maintained program budget of both living learning communities

AWARDS, LEADERSHIP, & INVOLVEMENT

Volunteer, Good Shepherd Shelter

September 2017 - present

MAGIS Service Organization

August 2017 - present

National Residence Hall Honorary

May 2017 - present

Mentor, El Espejo

February 2017 - December 2017

Residence Hall Association

October 2016 - May 2018

LMU Student Ambassador

September 2016 - September 2017

LMU Arrupe Scholarship

August 2016 - present