

Donovan Moini

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EDUCATION

Loyola Marymount University (LMU)

Bachelor of Science, Computer Science | Bachelor of Arts, Philosophy

May 2020

GPA: 3.9

RELEVANT COURSEWORK

Computer Programming	Computer Systems Organization	Programming Languages	Discrete Methods
Programming Lab	Interaction Design	Artificial Intelligence	Logic Design
Data Structures	Theory of Computation	Introduction to Methods of Proof	Calculus I, II, III
Algorithms			

TECHNICAL SKILLS

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

Tools/Frameworks: Git/GitHub, BootStrap

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

SELECTED PROGRAMMING PROJECTS

(Portfolio: [dmoini.github.io](https://github.com/dmoini))

- **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

OTHER 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