

# Donovan Moini

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## EDUCATION

### Loyola Marymount University (LMU)

Bachelor of Science, Computer Science | Minor in Philosophy

May 2020

GPA: 3.91

## RELEVANT COURSEWORK

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

## TECHNICAL SKILLS

**Languages:** Proficient: Python, HTML/CSS, JavaScript, Java | Knowledgeable: TypeScript, Swift, C/C++, Haskell

**Tools/Frameworks:** Git/GitHub, Bootstrap, Node.js, Jenkins

**Computer Software:** VS Code, Atom, Eclipse, Microsoft Office, Google Drive

## SELECTED PROGRAMMING PROJECTS

(Portfolio: dmoini.github.io)

- **Classifier:** Preprocesses data through supervised learning and trains Naive Bayes classifier, decision tree classifier, and random forest classifier on preprocessed data. Uses scikit, sklearn, and pandas Python libraries.
- **Fortnite Stat Tracker:** Web app using server-side development and DOM manipulation with modern HTML/CSS, Javascript/jQuery, and Fortnite API that searches for player stats, daily shop items, and weekly challenges.
- **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

## RELEVANT EXPERIENCE

### Computer Science Teaching Assistant

August 2018 - present

Loyola Marymount University | Los Angeles, CA

- Assist and tutor students with computer science work and topics including algorithms, data structures, and basic programming
- Maintain clear communication with other computer science teaching assistants and 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

### Residence Hall Association

October 2016 - May 2018

### LMU Student Ambassador

September 2016 - September 2017

### LMU Arrupe Scholarship

August 2016 - present