Donovan Moini

2501 Fisk Lane • Redondo Beach, CA 90278 • donovanmoini@gmail.com • (310) 944-1152 • github.com/dmoini

EDUCATION

Loyola Marymount University (LMU)   May 2020
Bachelor of Science, Computer Science | Minor in Philosophy   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
Computer Software: VS Code, Atom, Eclipse, Microsoft Office, Google Drive

SELECTED PROGRAMMING PROJECTS   (Portfolio: dmoini.github.io)

- **Classifier**: Preprocesses data 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-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
Residence Hall Association   October 2016 - May 2018
LMU Student Ambassador   September 2016 - September 2017
LMU Arrupe Scholarship   August 2016 - present