

TrixieRoque

Senior Computer Science Student

about

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programming languages

Java, Python, Matlab,
Javascript/HTML/CSS,
OCaml, Swift

education

since 2013

Bachelor's of Science in Computer Science
Minor in Applied Mathematics
Expected graduation: May 2017
GPA: 3.81

Loyola Marymount University

experience

2016

Center for Computation and Technology

Louisiana State University, Baton Rouge, LA

Data Analytics Research Assistant

- Created a surrogate reservoir model to optimize waterflooding using IBM predictive statistical tools
- Presented at the 2016 UC Berkeley and LMU McNair symposiums, and 2016 SACNAS conference

since 2015

LMU Biology Department

Loyola Marymount University, Los Angeles, CA

Bioinformatics Research Assistant

- Lead developer for a gene network simulation software
- Performed routine bug fixes and functionality improvements
- Developed a testing framework for the software
- Presented at the 2015 and 2016 LMU Research Symposiums, and 2015 SACNAS conference

2015

Bonanza Media

Los Angeles, CA

Mobile Game Tester

- Ensured quality of a Shrek-themed slot machine game called Shrek Slots through play-testing

since 2014

LMU Computer Science Department

Loyola Marymount University, Los Angeles, CA

Computer Science Teaching Assistant

- Assisted students and graded projects/assignments

2014-2015

LMU Mathematics Department

Loyola Marymount University, Los Angeles, CA

Math Teaching Assistant

- Tutored students and graded homework assignments

2014-2015

LMU Extension Department

Loyola Marymount University, Los Angeles, CA

Data Manager

- Maintained files and performed general clerical duties

awards/honors

since 2016

Alpha Sigma Nu Jesuit Honor Society

2015

LMU Outstanding Sophomore Student in Computer Science Award

2015

SACNAS Travel Scholarship Award

since 2015

LMU McNair Scholar

2014

LMU ACE (Academic Community of Excellence) Scholar

2013

LMU ACCESS (A Community Committed to Excellence in Scientific Scholarship) Scholar