

TrixieRoque

Senior Computer Science Student

about

3650 Fairland Blvd.
Los Angeles, CA 90043
(323) 547-3780

troque@lion.lmu.edu
github.com/trixr4kdz
linkedin.com/in/trixie-roque-b20715a7

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

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

projects

2016

Markit

Github

Application to bridge the gap between buyers and sellers in college campuses. Work as group leader for the iOS sub-team to manage the tasks for individual members and develop features using Xcode and Swift 3.

2016

yah

Github

A statically-typed programming language written in Javascript for CMSI 488 class (Compiler Construction). Features include type inference, list comprehension, higher-order functions, and indentation.

since 2015

GRNmap

Github

Lead developer of a software that simulates gene regulatory networks (written in Matlab). Duties include performing routine bug fixes, adding new features, and enhancing the code base by creating a testing framework and refactoring the source code.

2015

xmlpipedb

Github

Open-source project for BIOL/CMSI 367, which aims to build biological databases using software development tools. Languages used include PostgreSQL and Java.

awards

2015

LMU Outstanding Sophomore Student in Computer Science Award