

# TrixieRoque

Software Developer

## about

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## programming languages

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

## education

2013 - 2017 **Bachelor's of Science** in Computer Science  
Minor in Applied Mathematics  
Graduation Date: May 6, 2017  
GPA: 3.82

Loyola Marymount University

## experience

since 2017 **Rink**

Rink Social Challenges LLC

A social media/gaming application for iOS devices where users perform various challenges, gain points, and earn a spot at a leaderboard based on completed challenges. Development involves using Xcode and Objective-C. Duties include implementing new features and fixing bugs, collaborating with the backend engineer in enhancing the user experience, and communicating with CEO about potential additional features.

2014 - 2017 **LMU Computer Science Department**

Loyola Marymount University, Los Angeles, CA

*Computer Science Teaching Assistant*

Assisted underclassmen with Java projects and assignments

## projects

2017

**ease**

A fall-detection Internet of Things device aimed towards helping the elderly and children. API layer for sending data to a PostgreSQL database is written in Javascript and uses Node.js and Express. Mobile application development uses Xcode and React-Native.

2016

**Markit**

Github

Application to bridge the gap between buyers and sellers in college campuses. Development involved Xcode 8 and Swift 3 with Firebase as backend. Also acted as team leader for the iOS group to manage tasks for individual members.

2016

**yah**

Github

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

2015 - 2017

**GRNmap**

Github

Lead developer of a MATLAB gene regulatory networks simulation software. Duties included routine bug fixes, adding new features, and enhancing the code base by creating a testing framework and modularizing the source code.

## awards

2015

**LMU Outstanding Sophomore Student in Computer Science Award**