

# M.ANAS(Jason) Alaya

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## EDUCATION

### **University of California Irvine**

**B.S Computer Science | September 2018 - May 2020**

Classes: Information retrieval, Databases management, Concept Pgmng Lang, Stats 67

### **Orange Coast College**

**Associate Degree - Computer Science | GPA: 4.0 | May 2018**

Classes: Data structure and Algorithms, Discrete Math, Boolean Algebra, Calculus Single-Variable, Calculus Multivariable, Computer Architecture, Intro to Software Engineering, C++ 2, and Java 2

## PROJECTS

### [BookShelf](#) (Spring 18)

- Desktop App, store books info
- Functionalities: add, delete, edit, search
- GUI using Tkinter library, SQLite database

### [TravelAid](#) (Spring 2018)

- Open source project in Java. Provides info about Countries for travelers.
- Object-Oriented Design: Encapsulation, Inheritance, and Polymorphism.
- JavaFx, Scene builder, Events handlers, Lambda Expressions, Send an automated Email.

### [Class Schedule Program](#) (Spring 17)

- Built a program to search for and display classes in a school system.
- Implemented C++ linked list to store and sort course objects.
- Utilized pointers and dynamic memory to produce efficient and optimized code

## SKILLS

Coding: C++, Java, Python, Javascript (jQuery, React.js), HTML, CSS, SQLite

Technologies/Environments: Linux, Android Studio, Git & Github

## WORK EXPERIENCE

### **Academic Researcher | CSU Fullerton | Summer 2017**

- Participated in a research project at the CSUF computer network security lab
- Analyzed DOS and DDOS threats and discussed mitigation strategies
- Conducted experiments on a software-defined network using FloodLight open source controller

### **Math Tutor | Golden West College | September 2016 to current**

- Plan and execute lessons based on textbooks and online resources
- Encourage students to ask questions and develop interest in the subject matter
- Help students improve their critical thinking and problem-solving skills

### **Store Manager | Valero | March 2014 to current**

- Supervise and manage store operations, various forms of payments, and customer relations