

# ALFONSO FIGUEROA

SOFTWARE DEVELOPER

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<https://alfonsf1.github.io/>

## EDUCATION

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**California State University, Fullerton, Fullerton, CA**

*Bachelor of Science, Computer Science*

Spring 2021

## TECHNICAL SKILLS

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- Knowledge of various programming languages including C++, Python, JavaScript
- Databases: MySQL, learning Mongo DB
- Frameworks: Flask, Bottle
- Terminal proficiency in Windows and different flavors of Linux
- Computer hardware enthusiast; AMD, Intel, Nvidia and hardware compatibility
- Proficient with Input/output devices
- Knowledgeable of EPIC CRM
- Collaborative tools such as Trello, Microsoft Teams, and Google SAAS

## PROJECTS

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### **Micro Blogging Serv ([github.com/alfonsf1/microBlogging](https://github.com/alfonsf1/microBlogging))**

- Developed a RESTful back-end Social Media API using python for a micro blogging service
- Designed two databases utilizing MySQL for user/follower and posts tables
- Implemented Bottles micro web framework for clean routes and dynamic URL's
- HTTP methods were used to implement a RESTful service to post and retrieve data from a server
- Queries return password authentication, followers and posts

### **Student Registration Database**

- Designed an Entity Relationship Model to visualize relationships between inputs
- Constructed a Relational Map to show relationships between tables and connected with primary and foreign keys
- Created 9 tables using MySQL to house student registration data for a college
- Ran queries to find student records; such as grades, student names, GPA points, section number, course name, and professor name
- Connected to California State University, Fullerton's live database

### **Classic Mario ([github.com/alfonsf1/team\\_redShell](https://github.com/alfonsf1/team_redShell))**

- Programmed Classic Mario in a team of three utilizing python
- Built .json files to store Mario and Luigi attributes such as looks and character movement
- Applied open source sprites to get achieve a classic Mario feel
- Created two main levels and four sublevels

## EXPERIENCE

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### **UCI HEALTH, ORANGE**

Orange, California

*PRINCIPAL ADMITTING WORKER*

May 2013 - Present

- Assisted video visit and telemedicine project team by researching and reporting on user issues. Created supporting materials including Tip Sheets, analytic spreadsheets, and helped providers on efficient processes for new functionality
- Selected to support UCI's Video Visit and TeleMed rollout to 150 clinics within a short timeframe
- Took leadership in helping to train staff for Video Visits
- Efficiently obtained authorizations using EPIC CRM for all insurance types with constant follow up for the Orthopedics Department
- Worked in a fast paced environment providing exceptional customer service checking in and preparing patients for healthcare visits
- Designated Clinic SuperUser where I was utilized in facilitate EPIC concerts and helped relocate and troubleshoot equipment

### **KNOTT'S BERRY FARM**

Buena Park, California

*PARK FOODS SUPERVISOR*

June 2009 - May 2013

- Supervised for the department of Park Foods for the area of Boardwalk which consisted of 4 restaurants
- Ordered product daily to ensure fresh deliveries for a high volume work place
- Assigned duties such as Area Manager when leave of absence were taken
- Completed payroll and strategically schedule over 40 employees