

ISRAEL FLORES JR.

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EDUCATION

University of Southern California

***B.S. Applied and Computational Math
Minor in Computer Programming***

Objective: I seek to expand my skillset, work with teams on projects and with large scale systems.

RELEVANT WORK EXPERIENCE

Healthcare Practice IT

Systems Engineer

Fall 2016 – Summer 2017

- Maintained Kaseya backup implementations, scripted automation procedures and implemented machine policies
- Created a Flask-Python-SQLAlchemy web application to offsite backups to AWS Glacier
- Prototyped android applications for Bluebird mobile phones, tested a push to talk SDK

Ponder

Part-time DevOps Engineer

Fall 2016

- Created endpoints for REST API to retrieve user information and implemented documentation
- Created a Forgot Password webpage and implemented the necessary API endpoints

University of Southern California

Spring 2016-Summer 2016

Teaching Assistant, Intro to C++

- Reviewed code, graded programming assignments, explained and evaluated algorithms

PROJECTS

Personal Website

www.israelfl.com

Spring 2017

- Developed on Python-Flask-Sqlalchemy with a MySQL database.
- Used Unicorn and Nginx to serve it on an AWS EC2 instance
- Implemented a Login/Register process, dashboard, email verification, and used an external API

Data Rhino API and Website

www.datarhino.ml and api.datarhino.ml/v1/pokemons

Spring 2017

- Developed an API that runs on Express with a MySQL database
- Implemented a website using Laravel and PHP with the Eloquent ORM

Green Facades Android App available on the GooglePlay™ store

Developer

Spring 2016

- Created Android app for a client that implemented recycler views and used the MVC design pattern
- Connected to a Parse backend to retrieve data and followed Material Design guidelines

RELEVANT COURSE HISTORY

- C++, Java with Java FX, Objected Oriented Programming, Data Structures and Algorithm Analysis, Game Development for Mobile Platforms, Android Development, User Design, Web Frameworks
- Probability Theory, Mathematical Statistics, Number Theory, Partial and Ordinary Differential Equations, Mathematics of Machine Learning

ADDITIONAL INFORMATION

Computer Skills: PHP, Java, Python, Node.js, Express, Flask, Eloquent, Laravel, SQL/Databases, Unix Systems, C++, C#, HTML, XML, UX, Git

Languages: Fluent in English and Spanish

Work Status: US Citizen

References are available upon request. Thank you for your time and consideration.