

# ISRAEL FLORES JR.

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## EDUCATION

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**University of Southern California**  
***B.S. Applied and Computational Math***  
***Minor in Computer Programming***

Graduation Date: May 2017

**Objective:** I seek to improve my current skills and learn how to work with large scale systems.

## RELEVANT WORK EXPERIENCE

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### **Healthcare Practice IT**

*Systems Engineer*

*Fall 2016 – Now*

- Working with a software called Kaseya, an IT management tool.
- Created a Flask web application to offsite backups
- Created a tool to interface with AWS Glacier, to upload and retrieve files

### **Ponder**

*Part-time DevOps Engineer*

*Fall 2016*

- Helped create endpoints for REST API
- Created a Forgot Password webpage and implemented the necessary endpoints

### **Class: Intro to C++**

*Spring 2016-Summer 2016*

*Teacher Assistant*

- Grading assignments and helping students in class with assignments

## CURRENT PROJECTS

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### **SmartAdapt Weather Android App**

*Developer*

*Spring 2016*

- Developed app that uses a weather API and connects to a physical device that measures temperature inside a room and related data such as humidity and CO2 levels

### **Green Facades Android App available on the GooglePlay™ store**

*Developer*

*Spring 2016 - Now*

- A project for a client that serves as a research tool for green facades, such as plants, growth, and installation systems

### **Soul Voyage Mobile Game available on the GooglePlay™ store**

*Developer*

*Spring 2016*

- Made with Unity5 Worked in a group project using git, issues, branching, and pull requests.

## RELEVANT COURSE HISTORY

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- C++, Java and 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

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**Computer Skills:** Python, Java, PHP, SQL/Databases, Unix Systems, C++, C#, HTML, XML, UX

**Languages:** Fluent in English and Spanish

**Work Status:** US Citizen

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