**PATRICK SANTOS**

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# EDUCATION\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**California State Polytechnic University, Pomona, CA** June 2016

* Bachelor of Science in Computer Science, Minor in Mathematics
* GPA: 3.12

# EXPERIENCE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Jr. Quality Assurance Engineer, Experis (Mercury Insurance)** March 2017 – June 2017

* Created and executed numerous software test plans, scripts, and cases to identify and document problems and errors within the software being tested
* Coordinated on a day to day basis with the QA team leads to automate test plans originally done manually
* Identified and resolved an unseen issue within the company’s most important scripts that eluded the team for months

**Software Developer Intern, Westlake Financial Services** October 2016 - February 2017

* Migrated numerous procedures, reports, and queries from MS SQL and MySQL to Oracle
* Extracted and transformed data using the Spring Framework using Java applications and building in Maven on the IntelliJ IDE
* Developed front end and back end of web application for the automation of various reports as well as an online report browser for easy access

**Math Instructor, Mathnasium, Brea, CA** June 2013 – September 2013

* Instructed students of various ages in all subjects of mathematics, allowing for a better understanding of complex concepts
* Interacted with students in a patient and friendly manner, demonstrating people skills
* Collaborated with other instructors to give a well-rounded and coordinated teaching experience

# PROJECTS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­\_\_\_\_\_­­­

**Report Viewer** Winter 2016

* Developed web application allowing for easy updates and viewing of numerous reports for various departments and upper management
* Designed Java application that automatically updates reports written in Microsoft Excel daily
* Utilized JSF(JavaServer Faces)and PrimeFaces to design the user interface for a clean and clear view browsing
* Designed back end controller allowing users a connection to an inventory of updated reports

**Fitness Android Application** Winter 2015

* Independently developed fitness calculator, to help maintain weight and manage calorie intact
* Implemented log in feature linked to Firebase online database to allow for unique user log in information
* Provided simplistic and easy to use Graphical User Interface for users of all ages to access

**Event Aggregator** Fall 2015

* Collaborated with 30 other developers and worked with various teams in joint effort
* Developed program to display events aggregated from Yelp, Facebook, and Eventbrite
* Utilized Facebook API to gather information for users

# SKILLS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Programming Languages: Java, C++, C, Python, Matlab, C#, Selenium
* Web: Javascript, HTML5, CSS, jQuery, XML, JSF
* Databases: MYSQL MS SQL, Oracle
* Automation Testing: Selenium, QTP, PhantomJS