

Raul Perez

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(951) 816-9045

Education

- California State University San Marcos
- Bachelor's in Computer Science
- Graduation: May 2018

Technical Experience

- Proficient using Python, C++, C, Linux, Git
- Experienced with thoroughly testing and validating software and hardware to meet a high standard of quality before its release to customer base.
- Proficient with creating clean, readable documentation for a variety of applications, such as new product releases or training references.
- Adept in handling computer hardware and software through the process of assembling and configuring several computers for both home users and business applications.
- Awarded Top Overall grand prize at CodeDay San Diego 2016.

Communication and Public Speaking

- Responsible for organizing various workshops to teach attendees useful skills. Topics include Introduction to Python, Creating a Website Portfolio, and Game development.
- Volunteered through Upward Bound and was appointed to lead a group of High School students in creating and programming their own robots using Arduinos.

Relevant Undergraduate Classes

Software Engineering:

- Discussion of principles, techniques, and tools used to affect the orderly production of medium- and large-scale computer software.
- Project Planning and Organization
- Following Software Requirements and Specifications
- Identification and implementation of different Software Design Techniques
- Software Testing Methodology

Mobile Programming:

- Development of cross platform applications for mobile devices including smart phones and tablets.
- Course taught using C# and Xamarin.Forms mobile technology.
- Operated under Test-Driven Development creating and meeting the changing requirements of our unit tests.
- Encouraged the use of a variety of public API's to collect data to be used within the app.

Work Experience

CalAmp - Test Engineer I (June 2018 – Current):

- Worked with a team to complete unit testing of various products as they advanced through development or received updates.
- Assisted in creating and expanding a new Automated Test Environment for a new device architecture.
- Experience using JIRA to track new features, issues, and validation progress.
- Performed field tests with devices to verify functions and features both in the lab and in a real-world environment.

Vice President of CSUSM Association for Computing Machinery (ACM) (2017 – 2018):

- Democratically elected as Vice President.
- Prepared and scheduled several hour-long workshops covering a variety of topics.
- Planned fundraising efforts and designed flyers to be distributed at the time of the event.
- Lead planning and execution of mixer events with other similar clubs.

The Master Musician - Sales Representative/Translator (July 2015 – August 2017):

- Experienced breaking down and explaining contracts and procedures in either Spanish or English within a fast-paced environment.
- Implemented several Python scripts to automate manual duties and reduce human error.
- Created an employee handbook detailing how to use various systems throughout the store to rapidly speed up training process.
- Created flexible pricing documentation that can be easily updated to include new products, changes in pricing, or different tax-rates.