

Objective

Seeking a full-time position that will allow me to combine my technical background in programming with my passion for creating intuitive applications and provide opportunities to explore my interest in quality assurance and project management

Summary of Qualifications

- | | |
|--|---|
| <ul style="list-style-type: none">• Strong leadership skills in managing groups• Detail-oriented and patient in identifying customer needs• Self-motivated to go above and beyond expectations | <ul style="list-style-type: none">• Excellent verbal and written communication skills• Innovative and able to develop new ways to solve problems |
|--|---|

Skills

Java, Java Swing
C, C++
SPARC Assembly
HTML/CSS/Bootstrap
JavaScript

JQuery
Microsoft SharePoint 2010/2013
SharePoint Designer 2013
JUnit Testing
Windows OS, MAC OS, UNIX

Microsoft Office Expertise (Word, Excel, PowerPoint)
Microsoft Visio
MATLAB
Bilingual (English & Spanish)

Education

Bachelor of Science, Cognitive Science (Human Computer Interaction)

Minor, Computer Science

Major GPA: 3.3

University of California, San Diego

Relevant Coursework:

- | | |
|--|--|
| <ul style="list-style-type: none">• Computer Organization and Systems Programming• Discrete Mathematics• Theory of Computation• Advanced Data Structures• Algorithm Design and Analysis• Software Engineering | <ul style="list-style-type: none">• Component Design and Digital Systems• Principles of Computer Operating Systems• Programming Languages: Principles and Paradigms• Modeling and Data Analysis• Human-Computer Interaction Design |
|--|--|

Expected graduation June 2016

Professional Experience

Pacific Gas and Electric Company

IT I&O Disaster Recovery Intern

Responsibilities included helping prepare the company for disasters and automating many of the previously manual processes.

- Wrote, maintained, and tested disaster recovery plans for PG&E services and applications
- Used Microsoft SharePoint to update multiple team websites and enhance usability, gathering requirements by interviewing team members about the most-used features and monitoring user activity to see how visitors interacted with the site
- Used Microsoft SharePoint Designer to create automatic workflows to simplify tasks
- Wrote official procedures and documentation for all team processes
- Participated in interviews to select new team members
- Provided training to new employees

June 2015 – September 2015

SynapSense Corporation

Quality Assurance Intern

Responsibilities included developing new utilities in Java and testing the functionality of the software.

- Developed a tool that calculated server requirements for the SynapSense DCIM platform based on size of deployment. Created simulated data to validate results.
- Assisted with the development of a utility that prepared the server for installation of the SynapSense software suite
- Developed and executed unit tests to verify functionality and check for malfunctions
- Used Bugzilla to report and track found issues

June 2013 – August 2013

El Dorado Hills Taekwondo Center

Program Instructor

Responsibilities included teaching martial arts classes for up to 30 students of all ages. Adapted lessons to assist students at different skill levels.

- Created new curriculum and class ideas. Developed a medal-winning weapons program.
- Worked with children with disabilities such as Autism and Attention Deficit Disorder
- Coordinated events of various sizes, including community Taekwondo demonstrations and school activities

May 2009 – September 2014

(summers 2013-2014)

Volunteer Experience

FOOSH Improv Troupe Executive Board**May 2015 – Present****Elected Executive Board Member**

Responsibilities include organizing and casting university-wide improv comedy shows, leading fundraising campaigns, and creating and maintaining team website

- Designed, developed, and tested club website using HTML, CSS, Bootstrap CSS, JavaScript, and JQuery
- Planned events and led advertising movements to inform the student body of upcoming shows
- Initiated club's first ever fundraising campaign
- Managed casting of biweekly improv comedy shows
- Weekly budget and event planning meetings with university advisor

San Diego Comic Con**July 2014, July 2015****Exposition Volunteer**

- Worked under supervisors to fulfill duties in a timely matter
- Worked in merchandise sales, helping to attract customers and sell products
- Led attendees in forming lines and maintaining order as the event progressed

Personal Experience

- Unaffiliated CSE Tutor, assisting students with basic programming skills and knowledge
- 3rd Degree black belt in Taekwondo, recognized on an international level
- Muir College House Officer, in charge of planning and advertising house events within my dormitory
- Certified instructor in Taekwondo granted by 6th Dan Paul Olson of El Dorado Hills Taekwondo Center