

7636 Palmilla Drive  
UNIT 110  
San Diego, CA 92122

# Daniel J. Montanez

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## EDUCATION

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<b>World Campus</b>	<b>The Pennsylvania State University</b>	<b>August 2014</b>
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- Master of Software Engineering, August 2014. GPA: 3.72
- **Relevant Courses:**  
Requirements Engineering – Software System Design (UML) – Pattern Oriented Design – Database Design – Software System Architecture – Enterprise Integration – Applied Human Computer Interaction – Program Understanding – Web Security and Privacy – Software Project Management

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<b>Bakersfield, CA</b>	<b>California State University Bakersfield</b>	<b>June 2011</b>
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- Bachelor of Science in Computer Science, June 2011
- Minor, Philosophy
- **Relevant Courses:**  
Web Design – Beginning and Advanced Computer Networks – Database Systems – Software Engineering – Beginning and Advanced Artificial Intelligence – Programming Languages – Beginning and Advanced Computer Architecture – Methods in Applied Statistics – Data Analysis

## EMPLOYMENT

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<b>Logistics Engineer, Professional</b>	<b>CSC</b>	<b>June 2011 – Present</b>
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- Developed method for calculating and reporting System of Systems Operational Availability. – Program requirement and metric used by USG to determine Program Success
- Developed unique Provisioning algorithm for generating, and prioritizing spares procurement recommendations.
- Developed and utilize database for management and analysis of program trouble tickets.
- Automated Normalization and Loading of Trouble Tickets into Database, and export into Deliverable report using VBA. – Reduced time to generate deliverable from a full day to less than one hour.

## TECHNICAL EXPERIENCE

### Projects

- **Resume App** (2015) – Android application version of my resume.
- **Budget Notebook, PSU – Software Engineering Studio** (2014) – Personal Budgeting application for tracking multiple accounts. Provides a future view of account balance when recurring transactions are added, and provides recommendations to improve budgeting and spending awareness.  
**Responsibilities:**  
Initial draft of System Requirements Specifications, Use Case Specifications, Database Model, UI Flow design, coding for major functionality including future account balance prediction, transaction activity reporting, and recommendation generation.
- **Tournament Creator** (2010) - Web application to assist in running the summer team wrestling camp tournament that is run each year at CSUB. The application takes a list of teams, and generates a tournament schedule to be run "Round Robin" style.

## LANGUAGES AND TECHNOLOGIES

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Proficient	Moderately Proficient	Prior Experience
<ul style="list-style-type: none"><li>• VBA, SQL, ADT, Eclipse</li></ul>	<ul style="list-style-type: none"><li>• Java, HTML, CSS, XML</li></ul>	<ul style="list-style-type: none"><li>• C++, C#, PHP, R</li></ul>

## ADDITIONAL INFO

### Communication

- Monthly interaction with the PMO, and Foreign Customer, providing a summary of analysis that has been performed and subsequent recommendations for program improvement: Skilled in professional presentation and delivery of information.

### Leadership

- Implemented a Trouble Ticket Review Board which provides input for multiple facets of current program organization.
- Chair of Program Integrated Product Team, tasked with documenting Business Process Model Flowcharts for all program activities.

### Activities

- Four year letter winner for CSUB's Division I Wrestling Team (2006 – 2010)
- Assistant Wrestling Coach for Cathedral Catholic High School (2013 – Present)