**David Vasquez**

544 NW 7th Street Corvallis, OR 97330

(925) 818-1172

Vasquezd@onid.orst.edu

***EDUCATION***

**Masters of Science Oregon State University**

Masters of Business Administration June 2013

**Masters of Science Oregon State University**

Radiation Health Physics June 2010

**Bachelor of Science Oregon State University**

Health Management and Policy June 2007

***TECHNICAL EXPERIENCE***

* **Languages:** Java, C, PHP, JavaScript, Python
* **Data Analysis:** Stata, Rand multiple programming languages for analysis
* **Other:** JQuery, HTML5, CSS3, WAMP and LAMP stack
* **Databases:** MySQL, SQLite and RDBMS design
* **Development Tools:** Visual Studio, Eclipse, Git, Github, Bitbucket, XCode

***WORK EXPERIENCE***

**Software Developer**

Oregon State University Corvallis, Oregon 1/16 to Present

* Software Developer involved with restructuring, debugging and updating server code; responsible for new code being 15% the size of old structure and 27% of original file size
* Responsible for backend work with SQL Server Management Studio and projects utilizing SQL Queries, HTML5, JavaScript and CSS3

**Research Assistant and Instructor**

Oregon State University Corvallis, Oregon 9/14 to Present

* Worked as a research assistant for data and statistical analysis utilizing Python, R, Java and Stata
* Utilized a variety of estimators applied to real data, including least squares, simultaneous equations, discrete choice, and limited dependent variable models
* Analyzed data with graphical, parametric and nonparametric methods for comparing two samples; ANOVA; simple linear regression and multiple linear regression

**Information Technology Coordinator**

Oregon State University- Career Services/Student Life Corvallis, Oregon 6/13 to 9/14

* Built algorithms in Java and Python to analyze 5 years of departmental data to create a report for Department Staff and Dean of Student Life
* Led technical aspects of and was responsible for all data during transition to new career database containing over 6,000 employers and 27,000 students

**Database Management**

Oregon State University- Career Services/Student Life Corvallis, Oregon 1/11 to 6/13

*Graduate Assistant*

* Created, tested and implemented a system for OSU employers and students which sends out specific job postings to students based on their major. The system is in use by over 30,000 students and 6,000 employers
* Managed and used Symplicity Database with over 6,000 employers and 60,000 students and alumni, this includes data analysis of events to determine program and event efficiency

**OSU Venture Accelerator Intern**

Oregon State UniversityCorvallis, Oregon 6/11 to 1/12

*Venture Intern*

* Helped create business research protocols for future interns working with the Office for Commercialization and Corporate Development
* Developed an internal website for interns to use while conducting market analysis

**Graduate Research and Teaching Assistant**

Oregon State UniversityCorvallis, Oregon10/07 to 6/10

* Designed, tested and built digital radiation and detection software as a Research Assistant in the Department of Nuclear Engineering and Radiation Health Physics
* Grant winner of $8,000 in additional funding for software development

**Legacy Health System**  Portland, Oregon 06/06 to 09/06

**Business Intern**

* Intern at Legacy Health System’s Supply Chain; worked to create a marketing plan to attract and retain minority owned vendors.

***ACTIVITIES AND AWARDS***

**Resident Council** 2016-Present

* Member of Resident Council at the Gem responsible for attending meetings and helping provide input from a resident perspective

**Senior Capstone Project Sponsor** 2014-2015

* OSU Computer Science Department senior capstone project sponsor

**OSU Mobile App Club** Corvallis, Oregon 2013-2014

* Member of OSU App Club which works to design native and non-native apps for mobile devices.

**Grant Winner for Distance Education Software** 2008

* $8,000 dollar grant for software design

**Nuclear Regulatory Commission Research Grant** 2008-2010

* Full tuition and .49 Salary

***LEADERSHIP and VOLUNTEER EXPERIENCE:***

**OSU Community Affairs Task Force- Member and Volunteer**

**Oregon State University** Corvallis, Oregon 2012

* Worked with a Task Force chaired by OSU President to improve community and university relations due to strains on local community due to growing student population body

**Student Athlete Tutor** Corvallis, Oregon 2008-2009

**Oregon State University**

* Tutored student athletes in public health, math, and health physics courses

**President** Corvallis, Oregon 2005

**American College of Healthcare Executives**

* Managed and organized all ACHE activities and lead the executive board members

**Vice President** Corvallis, Oregon 2004

**American College of Healthcare Executives**

* Assisted President with ACHE activities and duties