**David Vasquez**

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***EDUCATION***

**Masters of Science, Cum Laude Oregon State University**

Masters of Business Administration June 2013

**Masters of Science, Cum Laude Oregon State University**

Radiation Health Physics June 2010

**Bachelor of Science, Cum Laude Oregon State University**

Health Management and Policy December 2007

***WORK EXPERIENCE***

**Web and IT Support**

Oregon State University Corvallis, Oregon 1/16 to Present

* Maintained databases utilizing Microsoft SQL Server Management Studio and hand written code and SQL procedures
* Helped develop and code business tools for our staff to track and analyze departmental data
* Responsible for backend work and front end projects using Drupal, HTML5, JavaScript and CSS3
* Software Designer 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

**College of Business- Instructor and Research Assistant**

Oregon State University Corvallis, Oregon 9/14 to 1/16

* Helped conduct research with College of Business Faculty related to innovation and entrepreneurship
* Designed and instructed courses and actively worked to promote a welcoming and inclusive classroom environment where students felt comfortable and engaged

**Office of Student Life- IT Coordinator**

Oregon State University Corvallis, Oregon 6/13 to 9/14

* Developed reports for Dean of Student Life and leadership including gathering and analyzing five years of past financial and demographic data to help increase our outreach to underrepresented students and to audit and standardize our internal accounting procedures to match University standards
* 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 60,000 student records

**Office of Student Life- Graduate Assistant**

Oregon State University- Career Development Center Corvallis, Oregon 1/12 to 6/13

* 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 was in use by over 30,000 students and 6,000 employers
* Managed and used Symplicity and CSO Databases with over 6,000 employers and 60,000 students and alumni, this includes data analysis of events to determine program and event efficiency
* Helped plan and organize for Career Fairs and co-supervised undergraduate staff team members

**Department of Nuclear Science and Engineering- Teaching and Research Assistant**

Oregon State University Corvallis, Oregon 10/07 to 5/10

* Designed, tested and built digital radiation and detection software and was lead on all aspects of algorithm construction and software development cycle from start to completion
* Research was funded by the Nuclear Regulatory Commission and Department of Nuclear Science and Technology; Grant winner of $8,000 in additional funding for software development
* Teaching assistant for graduate and undergraduate Nuclear Engineering and Radiation Health Physics courses including supervising safety procedures around lab equipment in an instrumentation lab with radioactive materials where safety was the highest priority

**Instructor**

Linn Benton Community College Albany, Oregon 9/08 to 09/10

* Designed and instructed Radiation Biology and Radiation Production and Characteristics
* Design included all course materials, tests and lectures to fit ASRT Standards and worked with staff to assess student learning since students had to sit for a national exam after program completion

**OSU Athletic Department- Student Athlete Tutor**

Oregon State University Corvallis, Oregon 10/07-6/08

* Helped mentor and tutor student athletes and worked closely with OSU Athletics staff to ensure student athletes were attending tutoring sessions and meeting individual requirements

**Supply Chain- Intern**

Legacy Health System Portland, Oregon 07/06 to 09/06

* Analyzed Legacy Health System’s supplier contracts to create a marketing plan to attract and retain minority owned vendors and presented plan to key company executives

***TECHNICAL EXPERIENCE***

* **Languages:** Java, JavaScript, Python, PHP, C, Swift
* **Data Analysis:** Stata, Rand multiple programming languages for analysis
* **Development:** React, React Native, Redux, Jquery, JSON, REST architecture, WAMP stack, NPM, Composer, Google APIs, Google Map APIs
* **Databases:** MySQL, Microsoft SQL Server, MongoDB, knowledge of design and analysis of RDBMS
* **Front End:** HTML5, CSS3, SASS, Bootstrap, UI Kit, Use of Responsive Design Principles

***CAMPUS and VOLUNTEER WORK***

**OSU Computer Science Senior Capstone Project Sponsor**

Oregon State University Corvallis, Oregon 9/2015 to Present

* Currently working as a project sponsor with the Computer Science Senior Capstone
* Duties include meeting with undergraduate students on their senior project, facilitating project idea and project scope, weekly meetings, setting goals and grading a portion of the total project in coordination with course Instructor and TA

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

* Member of OSU App Club which designs native and non-native apps for mobile devices

**OSU Community Affairs Task Force**

Member and Volunteer 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

**OSU Disability Affairs Task Force**

Member and VolunteerCorvallis, Oregon 2012

* Worked with a Task Force to assess campus issues and improve accessibility to make the campus more inclusive for students of all backgrounds

**American College of Healthcare Executives**

President Corvallis, Oregon 10/05 to 6/06

* Managed and organized all ACHE activities and led executive board members

**Health Management Advisory Board** Corvallis, Oregon 9/05 to 6/06

Student Advisor

* As the president of ACHE was selected to be a member of faculty comprised Health Management and Policy Board for guiding and shaping the HMP curriculum

**American College of Healthcare Executives** Corvallis, Oregon 10/04 to 6/05

Vice President

* Assisted President with ACHE activities and duties

***FELLOWSHIPS, GRANTS and AWARDS***

**Achievement Rewards for College Scientists**  2010

**Fellow**

* Nominated by Faculty and Selected for ARCS Fellowship providing $6,000 per year fellowship

**Grant Winner for Digital Radiation Software Design** 2008

* $8,000 dollar grant for software design

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

* Full tuition and .49 Salary

**National Science Foundation**  2008

* Honorable Mention for original Thesis Proposal which changed

**Legacy Health System Scholar** 2005

* Nominated by faculty and selected for Legacy Health System Scholarship

**Dosimetry Group Project Manager** 2008

* Graduate representative of Dosimetry Project for NE/RHP Dosimetry 490/590

**US Department of Energy Scholarship for Nuclear Engineering/Radiation Health Physics** 2005

* Interviewed and was chosen for an undergraduate scholarship

**Mortar Board National Honor Society**  2004

* Nominated for and selected to be involved in Mortar Board National Honor Society