**David Vasquez**

155 NW Kings Blvd Apt 647

Corvallis, OR 97330

(925) 818-1172

Vasquezd@oregonstate.edu

***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***

**Software Engineer**

Cambia Health Solutions Portland, Oregon 9/2018 to Present

* Worked as a software developer at Cambia Health Solutions developing software applications to support onboarding business team
* Respond to tickets involving existing applications and new functionality
* Worked in an Agile development environment

**Software Developer**

Oregon State University Corvallis, Oregon 1/2016 to 9/2018

* Developed and maintained a number of software systems for OSU Transportation Services including writing code to integrate third party APIs like Google and third party vendor software
* Led project to restructure, debug and update server code; responsible for new code being 15% the size of old structure and 27% of original file size
* Developed a REST API (GET, POST, JSON) for a new system to push database changes to all active users and lobby displays for Oregon University System

**Research Assistant and Instructor**

Oregon State University Corvallis, Oregon 9/2014 to 1/2016

* Worked as a research assistant responsible for collecting data and statistical analysis utilizing Python, R and Stata
* Designed all course curriculum for and instructed Ba 260
* Performed data analysis and collection with PHP, JavaScript, MySQL and Apache web server

**Programmer Analyst**

Oregon State University- Student Life Corvallis, Oregon 6/2013 to 9/2014

* Worked with multiple customers across OSU including students, faculty and staff to help the Career Development Center provide digital services more efficiently
* 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
* 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

**Graduate Assistant**

Oregon State University- Career Services/Student Life 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
* Co-formed and helped lead Career Services Advisory Committee with NW Employers including Target, Boeing, Rubicon, Boys and Girls Club, Enterprise Rent a Car, United Way and others

**Research and Teaching Assistant: Department of Nuclear Science and Technology**

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 involved data collection of radioactive isotope for around 2 years in a lab setting in order to build software that modeled isotopic spectroscopic behavior
* 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

**Instructor: Radiation Biology and Radiation Physics**

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

* Design curriculum for and instructed course which met ASRT Standards
* Biology course covered cell biology, biophysical events, cellular level radiation effects, cell survival and recovery, dose response curves, systematic responses, hematologic and cytogenetic effects, and stochastic effects of radiation
* Physics course covered math and physics basics, atomic and nuclear structure, EM and particulate radiation, photon interactions, differential absorption and principles of attenuation

**Student Athlete Tutor: Athletic Department**

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

* Tutored student athletes in math and health physics courses

**Legacy Health System**

Supply Chain Business (Intern) 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, Axios, JSON, REST architecture, Docker, 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
* **Development Tools:** Git, Github, Bitbucket, XCode, Visual Studio, Eclipse

***CAMPUS and VOLUNTEER WORK***

**OSU Electrical Engineering and Computer Science Senior Capstone Project Sponsor**

Oregon State University Corvallis, Oregon 9/2017 to Present

* Work as a project sponsor with undergraduate students on their senior projects, including facilitating project idea, meetings, deadlines and grading a portion of the total project

**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 improve accessibility access on campus for all students

**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

***WORK EXPERIENCE***

**Software Developer/Software Engineer/Analyst Programmer/Test Engineer**

Oregon State University Corvallis, Oregon 1/2016 to Present

Temp

- Work as a developer on full stack applications for OSU Transportation Services including designing, coding and testing new applications and features to existing web applications utilizing JavaScript, jQuery, JSON, Java, JUnit, Python, Git, GitHub, Jira, HTML and CSS

- Designed and built new lobby displays including working with graphic designers and other staff, wire framing, designing and syncing with our database to provide live updates

- Led Project to restructure, debug and update server code for OSU Transportation Services; responsible for new code being 15% the size of old structure and 27% of original file size

- Developed and maintained a number of data entry forms and pages for staff to manage Departmental data; this included validating data, syncing with third party desktop software and updating our database (Visual Studio, SQL, JavaScript, jQuery, HTML, CSS, JSON, Java)

- Worked with Director and Leadership to determine business needs and translate them into new applications or website features including a new cost calculator, trip planner and cost comparison, live dispatch schedule and departmental usage tools

Main

* Work as a developer on full stack applications for OSU Transportation Services including designing, coding and testing new applications and features to existing web and desktop applications.
* Worked on a team utilizing Python to develop a test framework for a software and hardware HVAC system with network capabilities
* Wrote test cases, documented bugs and utilized version control for software and hardware development
* Led Project to restructure, debug and update server code for OSU Transportation Services; responsible for new code being 15% the size of old structure and 27% of original file size
* Worked as a developer on hardware and software applications for Transportation Services utilizing Java, Python, JavaScript, Linux, Git, GitHub, JSON, SQL, Microsoft SQL Server, HTML5 and CSS3
* Part of a testing team primarily engaged in software testing utilizing Python and Java
* Software developer working on server side and client side web applications utilizing Python, Java, JavaScript, Linux, Windows, MS SQL Server, AWS, HTML5 and CSS3, Git, GitHub
* Developed and maintained a number of software systems for OSU Transportation Services including writing code to integrate third party APIs like Google and third party vendor software like Fleet Focus
* Led Project to restructure, debug and update server code for OSU Transportation Services; responsible for new code being 15% the size of old structure and 27% of original file size
* Worked to develop a number of RESTful APIs that allowed applications to interface with our data for a number of financial and data driven projects
* Responsible for backend work and front end projects utilizing Java, Python, React, JavaScript, JSON, SQL, Microsoft SQL Server, HTML5 and CSS3
* Worked as a developer on front end and backend projects utilizing Java, Python, React, JavaScript, JSON, SQL, Microsoft SQL Server, HTML5 and CSS3
* Developed and maintained a number of software systems for OSU Transportation Services including writing code to integrate third party APIs like Google and third party vendor software like Fleet Focus
* 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
* Work as a developer on full stack applications for OSU Transportation Services including designing, coding and testing new applications and features to existing web and desktop applications
* Utilized NPM and Composer for external packages
* Managed all development with git (both GitHub and Bitbucket were used as a central repository)
* Software developer working on server side and client side web applications utilizing Python, Java, JavaScript, Linux and Windows, MS SQL Server, AWS, HTML5 and CSS3

Third Party Software

* Worked with OSU Staff, Students and Faculty to learn about and develop tools that would help them use our services more efficiently

Business

* Worked with OSU Staff, Students and Faculty to learn about and develop tools that would help them use our services more efficiently
* Worked with Google APIs for a number of projects including developing a mileage tracker and cost calculator
* Helped maintain and develop new features for our internal website which was built on Cold Fusion, JavaScript, HTML5 and CSS3
* Worked with a team to conduct a cost benefit analysis for Transportation Services that looked at the costs the University incurred by allowing employees to take their personal car as opposed to utilizing the University owned fleet of vehicle
* Led project to restructure, debug and update server code for Transportation Services; responsible for new code being 15% the size of old structure and 27% of original file size.
* Developed a number of web based tools for tracking and managing accounting and usage data.

Data Analytics Position

* Work as a developer for OSU Transportation Services including designing, coding and testing new applications and features to existing web and desktop applications (Visual Studio, SQL, Java, Python, JavaScript, Git, GitHub, JSON, Microsoft SQL Server, HTML5 and CSS3)
* Helped to maintain and develop a number of financial and data driven analytical software tools developed internally for monthly and annual reporting
* Led Project to restructure, debug and update server code for OSU Transportation Services; responsible for new code being 15% the size of old structure and 27% of original file size
* Database work included working with OSU and Vendor databases through MS SQL Server, SQL, Banner, PHP and Cold Fusion

API

* Developed a RESTful API (GET, POST, JSON) for a new system to push database changes to all active users and lobby displays for Oregon University System
* Worked to develop a number of RESTful APIs that allowed applications to interface with our data for a number of financial and data driven projects; this included developing for both internal employee and external users
* Used these APIs to develop a new system that would push database changes to all active users and lobby displays for Transportation Services Offices in Eugene and Corvallis
* Worked with Google APIs for a number of projects including developing a mileage tracker and cost calculator

Test

* Engaged in software testing utilizing unit testing and integration primarily in Python but some work utilized Java and JUnit

Cloud

* Manage a number of cloud based services and databases utilizing SQL, MySQL, Amazon Web Services and Microsoft SQL Server
* Database work included working with OSU and Vendor databases through MS SQL Server, SQL, Banner, PHP and Cold Fusion

**Research Assistant and Instructor**

Oregon State University Corvallis, Oregon 9/2014 to 1/2016

* Worked as a research assistant responsible for collecting data and statistical analysis utilizing Java, Python, R and Stata
* Retrieved data through utilizing RESTful APIs and web scraping (JSON, XML, Python, Beautiful Soup)
* Developed a front end entry system connecting to a RESTful API for inputting user data (in JSON format) and securely added to a MySQL database for researchers
* Designed all course curriculum for and instructed Ba 260
* Performed data analysis and collection with PHP, Java, R, JavaScript, MySQL and Apache web server

Data Analytics

* Helped conduct research with College of Business Faculty related to strategic management and entrepreneurship. Used R Studio, Stata, Python, Java and MySQL to handle and analyze data for faculty research.
* Designed and instructed courses and actively worked to promote a welcoming and inclusive classroom environment where students felt comfortable and engaged.

**Analyst Programmer/Information Technology Coordinator**

Oregon State University- Student Life Corvallis, Oregon 6/2013 to 9/2014

Analyst Temp

* Worked with the Dean of Student Life to conduct an analysis
* Worked as a developer on a number of software systems primarily utilizing Java, Python, JavaScript, Git, GitHub, SQL and MySQL
* Co-Supervised six undergraduate students who helped with a number of technical tasks including database maintenance, data analysis and digital communication and marketing
* Worked to brand third party software with

Data Analytics

* Was brought on to conduct an internal analysis of the financial and demographic data for the Career Development Center; utilized Python, Java, SQL, Visual Studio, Banner, Excel and Access
* Developed tools and training (with other Department members) as part of a rebranding effort to promote a data driven environment; this project was led by the Dean of Student Life
* Co-Supervised six undergraduate students who helped with a number of technical tasks including database maintenance, data analysis and digital communication and marketing
* 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
* Helped maintain and develop our Drupal Site

Main

* Worked as a developer on a number of software systems primarily utilizing Java, Python, JavaScript, Git, GitHub, SQL and MySQL
* Developed full stack projects utilizing JavaScript, PHP, JQuery, CSS3, HTML5, MySQL, RDBMS
* Helped manage our cloud based data systems housing over 6,000 employers and 60,000 student records
* 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
* Co-Supervised six undergraduate students who helped with a number of technical tasks including database maintenance, data analysis and digital communication and marketing
* Helped design, develop and test a number of business based microservices to track departmental records
* 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
* Helped maintain and develop our Drupal Site

I worked for two years full time as an Analyst in the Office of Student Life. I was brought on by the Dean of Student Life to help conduct and implement a management improvement study for the Career Development Center (CDC). A few of the major changes the team worked on included rebranding and renaming the center, assessing past financial and demographic data, remodeling, transitioning to a new database, creating new processes for handling workflow, and bringing in a new director.   
- The organizational analysis included data collection, assessment and implementation. I was in charge of a major cost benefit analysis of our Career Expos which attract thousands of students and hundreds of employers every term. Data was gathered from multiple data sources including Banner, Symplicity, Access Files, Excel files, University Administrative Business Center (UABC) financial records and staff interviews.   
- The data was compiled with Python and Java into a single MySQL database. It was analyzed with basic statistical methods using R Studio and Excel. The final report found Career Expos to be beneficial and resulted in the creation of better accounting practices and a major expansion including using a new venue (La Sells) and a new full day of employer on campus interviews.  
- Worked as a technical adviser on a team that updated Career Development Center IT processes including transitioning to a new database provider and redesigning our internal staff drive to make data and document handling more efficient by standardizing procedures.   
- Was part of a team that conducted a space utilization analysis with an external designer that led to the creation of three new office cubicles, new Office of Student Life greeting desk and a marketing office for undergraduate students.

Since this position was very similar to what I would be engaged in if selected for this role I wanted to include a few more detailed points about my duties.

- Led a team charged with conducting a departmental budget analysis analyzing seven years of past financial data. Worked with CDC staff and accountants from the UABC to gather all financial data and analyze our internal accounting procedures which had led to an over $400,000 surplus. The Department should break even and the issue was with improper staff billing for hours at the Career Expos. I conducted a major study of all Career Expo staff in order to properly allocate and bill for hours worked.   
- Worked with UABC in order to create a new accounting workflow to make sure our internal billing and accounting methods were more streamlined and matched University accounting procedures. I was then responsible for training CDC staff to use these new billing and accounting methods.   
Conducted an analysis of five years of past Department metrics including analyzing over 22,500 student records; the data was used to benchmark current performance and set future goals.   
- The financial and demographic data was used to create both an extensive and abridged report for the Dean of Student Life and University leadership including the new Director. The report contained an overview of all the study findings and also recommendations for future implementation.

**Graduate Research Assistant**

Oregon State University- Career Services/Student Life Corvallis, Oregon 1/12 to 6/13

Analyst Temp

Main

* 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
* Helped plan and organize for Career Fairs and co-supervised undergraduate staff team members
* Co-formed and helped lead Career Services Advisory Committee with NW Employers including Target, Boeing, Rubicon, Boys and Girls Club, Enterprise Rent a Car, United Way and others
* Helped with digital marketing including employer newsletter, social media, updating Drupal website and working with marketing team to develop promotional material

- Worked to plan, market and run events including our Career Expos which are attended by hundreds of employers and thousands of students every term.  
- Helped found and co-chair our Career Services Advisory Committee with NW Employers including Target, Boeing, Rubicon, Boys and Girls Club, Enterprise Rent a Car, United Way and others   
- Helped interview, train and supervise a team of undergraduate workers including helping to run our student staff meetings and individual weekly meetings.   
- Interacted with employers through email, phone and in person meetings to help them engage with the OSU community and students.

**Graduate Research and Teaching Assistant: Department of Nuclear Science and Technology**

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

Analyst Temp

* 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
* Nominated by faculty as an ARCS Fellow ($6,000 per year) and co-wrote and received distance education grant for software ($8,000)
* 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

Main

* 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 involved data collection of radioactive isotope for around 2 years in a lab setting in order to build software that modeled isotopic spectroscopic behavior
* 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
* Designed, tested and built digital radiation and detection software and was lead on all aspects of design, testing and documentation
* Research was funded by the Nuclear Regulatory Commission and Department of Nuclear Science and Engineering
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* Teaching assistant for graduate and undergraduate courses including supervising safety procedures around lab equipment in an instrumentation lab with radioactive materials
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* Research was funded by the Nuclear Regulatory Commission and Department of Nuclear Science and Technology
* Teaching assistant for graduate and undergraduate courses including supervising safety procedures around lab equipment in an instrumentation lab with radioactive materials

**Instructor: Radiation Biology and Radiation Physics**

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

* Course instructor responsible for designing all course curriculum and instructing course over multiple terms
* Biology course covered cell biology, biophysical events, cellular level radiation effects, cell survival and recovery, dose response curves, systematic responses, hematologic and cytogenetic effects, and stochastic effects of radiation
* Physics course covered math and physics basics, atomic and nuclear structure, EM and particulate radiation, photon interactions, differential absorption and principles of attenuation

**Student Athlete Tutor: Athletic Department**

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

* Tutored student athletes in math and health physics courses

**Legacy Health System**

Supply Chain Business (Intern) 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, Node.js
* **Development:** React, React Native, jQuery, JSON, AWS, REST architecture, WAMP stack, NPM, Composer, Google APIs
* **Databases:** MySQL, Microsoft SQL Server, knowledge of design and analysis of RDBMS
* **Front End:** HTML5, CSS3, Bootstrap, UI Kit, Use of Responsive Design Principles
* **Development Tools:** Git, Github, Bitbucket, IntelliJ, Eclipse, Jira, Slack

***CAMPUS and VOLUNTEER WORK***

**OSU Computer Science Senior Capstone Project Sponsor**

Oregon State University Corvallis, Oregon 9/2017 to Present

* Developing a mobile application that will allow students to find events and follow on campus groups
* The mobile app is being developed with React Native connecting to a REST API and users will authenticate with OAuth2

**OSU Computer Science Senior Capstone Project Sponsor (Location Tagging Service)**

Oregon State University Corvallis, Oregon 9/2015 to 6/2016

* Developed a native mobile application that allowed users to add “tags” to physical locations
* The application was developed with Objective C and Swift and had Python and Django for the Server

***PROGRAMMING PROJECTS***

**ShareShare (In Beta)**

* Building a file sharing cloud system that simplifies file sharing with friends. The system is very object oriented and will have a complete file management system, users, login and registration, notifications and friends

**Web Parser and Database**

* Summary: Shopping comparison parsed from the web with over 10,000 items and images
* Technology: Built in an object oriented style with Java and Python, MySQL Relational Database

***MY JOB LIST***

Software Developer- 1/16 to Present

Research Assistant- 9/14 to 1/16

Information Technology Coordinator- 6/13 to 9/14

Graduate Research Assistant- 1/11 to 6/13

Research Assistant- 10/07 to 6/10

Student Athlete Tutor: Athletic Department- 10/07-6/08

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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***

**Software Developer**

Oregon State University Corvallis, Oregon 1/2016 to Present

* Software developer utilizing Python, Java, React, JavaScript, Linux and Windows, MS SQL Server, AWS, HTML5 and CSS3 to maintain and build applications
* Part of a software testing team utilizing Python and JavaScript to develop testing framework for web applications
* Led Project to restructure, debug and update server code for OSU Transportation Services; responsible for new code being 15% the size of old structure and 27% of original file size
* Worked to maintain and develop a number of RESTful APIs that allowed applications to interface with our data for a number of financial and data driven projects; this included developing for both internal employee and external users

**Research Assistant and Instructor**

Oregon State University Corvallis, Oregon 9/2014 to 1/2016

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* Designed all course curriculum for and instructed Ba 260

**Programmer Analyst**

Oregon State University- Student Life Corvallis, Oregon 6/2013 to 9/2014

* Helped manage OSU cloud based databases containing over 6,000 employers and 60,000 student records
* Built algorithms in Java and Python to analyze University data for financial and business reports used by University leadership
* Helped design, develop and test a number of business microservices to track departmental records utilizing Java, Python and JavaScript

**Graduate Research Assistant**

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* 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
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Member and Volunteer Corvallis, Oregon 2012

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**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

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

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Masters of Business Administration June 2013

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Radiation Health Physics June 2010

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

Health Management and Policy December 2007

***WORK EXPERIENCE***

**Software Engineer**

Cambia Health Solutions Portland, Oregon 9/18 to Present

* Work as a software engineer supporting the customer onboarding team primarily supporting Salesforce Customer Relationship Management software utilizing Python, Git, Slack, Java, Apex, SQL and SOQL
* Work with business partners to implement new stories and features to make managing customer relationships and gathering and accessing customer data easier and more streamlined

**Web Designer**

Oregon State University Corvallis, Oregon 1/16 to 9/18

* Worked to design a number of web-based business analysis tools for gathering and analyzing customer data for Transportation Services utilizing Excel, JavaScript, JSON, Java, Python, SQL, Microsoft SQL Server
* Helped to restructure, debug and update server code; responsible for new code being 15% the size of old structure and 27% of original file size

**Research Assistant and Instructor**

Oregon State University- College of Business Corvallis, Oregon 9/14 to 1/16

* Helped conduct research with College of Business Faculty related to innovation and entrepreneurship utilizing Excel, Qualtrics, Python, SQL, MySQL, Stata and R Studio
* Designed and instructed courses and actively worked to promote a welcoming and inclusive classroom environment where students felt comfortable and engaged

**Career Development Center- Events Coordinator**

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

* Worked primarily as an Analyst with the Dean of Student Life to gather and analyze 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
* Worked with Staff to develop better business processes to collect data and prepare annual reports using Qualtrics, Excel and our internal database
* Helped recruit, select, train, supervise and support our student staff including our marketing, outreach, front office and event teams
* Was involved with all aspects of running and planning our events and outreach including Career Expos, events on campus and marketing
* 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

**Career Development Center- Employer Relations Assistant**

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

* Worked to plan, market and run events including our Career Expos which are attended by hundreds of employers and thousands of students every term
* Helped found and co-chair our Career Services Advisory Committee with NW Employers including Target, Boeing, Rubicon, Boys and Girls Club, Enterprise Rent a Car, United Way and others
* Helped interview, train and supervise a team of undergraduate workers including helping to run our student staff meetings and individual weekly meetings

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

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

* Worked with faculty to develop digital radiation detection software which was funded through a Nuclear Regulatory Commission grant
* Teaching assistant for graduate and undergraduate students in the Department of Nuclear Science and Technology; work included instructing, training and supervising students around radioactive materials and high voltage lab equipment where safety was the highest priority

**Instructor**

Linn Benton Community College Albany, Oregon 9/08 to Present

* Designed curriculum for and instructed AREC 213 Starting an Agriculture Horticulture Business
* Design curriculum for and instructed course which met ASRT Standards for Radiation Biology, Radiation Production and Characteristics

**OSU Athletic Department- Student Athlete Tutor**

Oregon State University Corvallis, Oregon 10/07 to 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

**Intern in the Supply Chain**

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

***CAMPUS and VOLUNTEER WORK***

**OSU Computer Science Senior Capstone Project Sponsor**

Oregon State University Corvallis, Oregon 9/15 to Present

* Currently working as a project sponsor with the Computer Science Senior Capstone helping teams of senior students complete their final project

**GEM Housing Resident Council**

CHNW- The GEM Corvallis, Oregon 10/15 to 6/17

* Worked for two years as a member of the GEM Resident Council that worked to create a safe and inclusive community for student residents by planning and putting on social and educational events
* Worked with residents, staff and RAs to budget for and implement changes that had been voiced by residents about how to improve the community

**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 and Disability Affairs Task Force**

Member and Volunteer Corvallis, Oregon 2012

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

***RELEVANT UNIVERSITY COURSES***

|  |  |
| --- | --- |
| * Applied Econometrics (Grad Level) | * Statistics 511 (Grad Level) |
| * Methods of Data Analysis 512 (Grad Level) | * Foundations of Research (Grad Level) |
| * Java Programming | * Web Design I (PHP, HTML, JS, CSS) |
| * JavaScript | * Web Design II (PHP, MySQL, JS, CSS) |
| * C Programming | * Advanced Information Systems |