**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 Physics June 2010

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

Health Management and Policy December 2007

***PROFESSIONAL EXPERIENCE***

**Software Engineer**

Amazon 5/2021 to Present

* Currently working as a contractor at Syngenta and now Amazon primarily as a backend Software Engineer utilizing Python, Java, JavaScript, React, Node.js and AWS
* Working on a team supporting an internal application for customer data collection and analysis

**Human Services Resource Center- Resource and Advocacy Assistant**

Oregon State University Corvallis, Oregon 5/2019 to 5/2021

* Oversee Food Assistance programs, facilitate student interventions and forward high-need students in immediate crisis to appropriate professional staff
* Work as a supervisor to undergraduate student staff including mentoring, scheduling, leading meetings, hiring and supervising projects
* Lead the data collection and analysis components at the HSRC related to finding and supporting high risk students and community coordination programs
* Actively collaborate with multiple OSU Departments including the OSU Bookstore, OSU Library and OSU Cultural Centers to provide services like our Textbook Lending Program

**Software Engineer**

Cambia Health Solutions Portland, Oregon 10/2018 to 4/2019

* Work in an Agile environment as a Software Engineer on the Customer Onboarding Team supporting microservices including DevOps, developing REST APIs, handling tickets, writing test coverage, developing features and supporting business teams primarily utilizing JavaScript, Java and Python
* Worked extensively developing unit tests for server code without test coverage as the company moved towards a more continuous integration environment primarily in Java and Node.js

**Office of Student Life- Events and Marketing Coordinator**

Oregon State University Corvallis, Oregon 6/2013 to 9/2017

* Helped with project management for events including Career Expos, Seminars and Interview Days
* Helped hire, train and supervise a team of undergraduate Career Assistants for projects including data analysis, event planning and marketing
* Led the data analysis component of a Departmental Audit including developing algorithms in Java and Python to analyze 5 years of departmental data for Department Staff and Dean of Student Life

**Office of Student Life- Events and Marketing GRA**

Oregon State University Corvallis, Oregon 1/2012 to 6/2013

* Helped co-lead a team of undergraduate workers including helping to run our student staff meetings and individual weekly meetings
* Interacted with students, volunteers, faculty, staff and external employer through email, phone and in person meetings to plan for Career Expos and our other events
* Helped found and co-chair our Advisory Committee with employers including Target, Boeing, Rubicon, Boys and Girls Club, Enterprise Rent a Car, United Way and others

**Graduate Research 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 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 EXPERIENCE***

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

Oregon State University Corvallis, Oregon 9/2015 to 6/2020

* Work as a project sponsor on Senior Capstone projects primarily focused on mobile and server development
* The projects have mostly been developed with React, React Native, Swift, Node.js, PHP and Firebase

**Instructor: Starting and Running an Agriculture or Horticulture Business**

Linn Benton Community College Albany, Oregon 9/2017 to Present

* Designed course curriculum and am responsible for all aspects of the course which is every Fall Term
* Managed student teams of 3 to 4 students on a writing intensive term project

**Instructor: Ba 260 Intro to Entrepreneurship**

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

* Role involved designing all course curriculum including lecture slides, quizzes and tests
* Responsible for working with student teams of 4 to 5 students on group projects and grading the written documents

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

Oregon State University Corvallis, Oregon 10/2007 to 5/2010

* Teaching Assistant NSE 536 and NSE 236 involved with helping students with homework and attending and helping with labs

**Instructor: Radiation Biology**

Linn Benton Community College Albany, Oregon 9/2008 to 09/2010

* Design curriculum for and instructed course which met ASRT Standards
* Biology course covered cell biology, biophysical events, cell survival and recovery, dose response curves, systematic responses, hematologic and cytogenetic effects, and stochastic effects of radiation

**Instructor: Radiation Production and Characteristics**

Linn Benton Community College Albany, Oregon 9/2008 to 09/2010

* Design curriculum for and instructed course which met ASRT Standards
* 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: OSU Athletic Department**

Oregon State University Corvallis, Oregon 10/2007 to 6/2008

* Tutored student athletes in math and health physics courses

***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

***CAMPUS and VOLUNTEER WORK***

**GEM Housing Resident Council**

CHNW- The GEM Corvallis, Oregon

* Work 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

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

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

**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

***TECHNICAL EXPERIENCE***

* **Languages:** Java, JavaScript, Python
* **Development:** Node.js, Express, React.js, REST APIs, JSON, CircleCI, JUnit, Mocha, Chai, Unit and Integration Testing, Docker, NPM, Google APIs
* **AWS and Cloud:** EC2, RDS, S3, Serverless, DynamoDB, Lambda, Google Firebase
* **Databases:** MySQL, MongoDB, Microsoft SQL Server
* **Front End:** HTML5, CSS3, Bootstrap, Use of Responsive Design Principles
* **Development Tools:** Visual Studio, IntelliJ, Figma, Git, Github, Bitbucket, XCode