**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

***TECHNICAL EXPERIENCE***

* **Languages:** Python, Java and JavaScript
* **Development:** Spring Boot, React.js, Node.js, TypeScript, Express, Docker, Jenkins CI/CD, Git and GitHub, REST APIs, Splunk, JSON, JUnit, Jest, Mockito, JUnit and Integration Testing, NPM, PIP
* **AWS and Cloud:** Lambda**,** ECS, SQS, EC2, RDS, S3, CloudFormation, CloudWatch, API Gateway
* **Databases:** DynamoDB, MySQL, SQL, Microsoft SQL Server
* **Front End:** HTML5, CSS3, Bootstrap, Use of Responsive Design Principles
* **Development Tools:** Visual Studio, IntelliJ, Figma, Git, Github, Bitbucket, XCode

***PROFESSIONAL EXPERIENCE***

**Software Engineer**

Nike Portland, Oregon 6/2023 to present

* Work in Nike Logistics where our team all retail product across the Nike Supply Chain including supporting business users and our many logistics partners like SAP, Oracle and Uber Freight
* Support the full software development lifecycle on a platform with a distributed system architecture built with over 180 micro-services utilizing Python, Java, Spring Boot and Kafka
* Recently lead the development of two new micro services utilizing Python, Java, Docker, ECS Containers and AWS to handle data flow and real time updates shipping partners Maersk and Nippon
* Develop and maintain software documentation for our services and provide onboarding support and mentorship education for new software engineers

**Software Development Engineer II- Campaign Manager**

Amazon Seattle, Washington 10/2021 to 4/2023

* Work with senior managers, internal customers and multiple software teams to manage and support all new digital campaign launches across Amazon
* Was asked to take leadership of campaign onboarding for all of Amazon and Amazon partners like Ring and Twitch; work involves coordinating across 7 engineering teams, over 100 engineers and our external business users on our Java and Python based services
* Co-lead project developing a self-service web application for business customers eliminated work previously done by 3 engineers and lowered customer wait time from days to minutes
* Founding member of new SCM Team which is responsible for improving digital campaign  onboarding process across Amazon and Amazon partners like Ring and Twitch

**Research and Data Analyst Program Lead**

Oregon State University Corvallis, Oregon 5/2019 to 7/2021

* Work as a full stack developer supporting internal applications and web applications primarily utilizing HTML, CSS, JavaScript, Banner, SQL
* Work with University Leadership to develop analytical reports and data pipeline tools for staff primarily using Python, SQL and Adobe Suite
* Worked with the Basic Needs Center to help gather data and support process development for programs including the Textbook Lending Program, Basic Needs Navigator and Food Pantries
* Team lead working to develop tools to automate processes done by hand using Java and Python

**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 developing features and supporting business teams primarily utilizing Java, Spring Boot and Python
* Worked with Quality Assurance and Engineering Teams to facilitate user acceptance and improvements on customer facing software applications
* Worked extensively developing unit tests for server code without test coverage as the company moved towards a more continuous integration environment

**Research Software Engineer**

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

* Worked in an Agile environment as part of an industry partnership with Fujitsu developing a large IOT project that is now on the market primarily developing backend server with Python
* Work with the Electrical Engineering and Computer Science Department mentoring Senior Capstone Teams developing mobile applications utilizing Swift, Java, React Native, Firebase and AWS
* Developed and maintained software for Transportation Services utilizing JavaScript and Node.js

**Division of Student Affairs- Analyst Programmer**

Oregon State University Corvallis, Oregon 6/2013 to 9/2015

* 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
* Worked with multiple customers across OSU including students, faculty and staff to help the Career Development Center provide digital services more efficiently
* Project manager for transition to new career database which involved multiple departments including the Career Development Center, Office of Human Resources and Information Services

**Career Development Center- Graduate Assistant in Employer Relations**

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

* Helped with digital marketing including employer newsletter, social media, updating website and working with marketing team to develop promotional material
* 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
* 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 interview, train and supervise a team of undergraduate workers including helping to run our student staff meetings and individual weekly meetings

**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 utilizing Python
* 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

***FELLOWSHIPS, GRANTS and AWARDS***

**Fellow: Achievement Rewards for College Scientists**  2010

* 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

**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

***TEACHING EXPERIENCE***

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

Oregon State University Corvallis, Oregon 9/2015 to Present

* Work as a project sponsor on Senior Capstone projects primarily focused on mobile applications

**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

**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

**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 and Radiation Physics**

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

* Design curriculum for and instructed courses which met ASRT Standards
* Courses covered topics like cell biology, 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

***CAMPUS and VOLUNTEER WORK***

**OSU College of Earth Ocean and Atmospheric Sciences**

StudentCorvallis, Oregon 10/2023 to Present

* Working with researchers as part of the Transboundary Freshwater Diplomacy Database to develop a Python based data gathering and analysis software

**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