**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 Physics June 2010

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

Health Management and Policy December 2007

***TECHNICAL EXPERIENCE***

* **Languages:** Java, Python, JavaScript and Swift
* **Development:** Spring Boot, React.js, Node.js, Python Libraries like NumPy, Express, Jenkins CI/CD, Git and GitHub, REST APIs, Distributed Systems, Splunk, JSON, JUnit, Jest, Mockito, JUnit and Integration Testing, Docker, NPM, Google APIs
* **AWS and Cloud:** Lambda**,** ECS, SQS, EC2, RDS, S3, CloudWatch, API Gateway, Google Firebase
* **Databases:** MySQL, SQL, DynamoDB, 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 handles all retail product across the Nike Supply Chain including supporting business users and our 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 in Java, Spring Boot and AWS to handle data flow and real time updates for two of our 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

**Office of the Dean of Students- 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

**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