

# David Vasquez

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## **EDUCATION**

**Masters of Science, Cum Laude**  
Masters of Business Administration

**Oregon State University**  
June 2013

**Masters of Science, Cum Laude**  
Radiation Physics

**Oregon State University**  
June 2010

**Bachelor of Science, Cum Laude**  
Health Management and Policy

**Oregon State University**  
December 2007

## **TECHNICAL EXPERIENCE**

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

## **PROFESSIONAL EXPERIENCE**

### **Senior Software Engineer**

Nike Portland, Oregon 6/2023 to present

- Work in Logistics where our team handles all data and events for the Nike Supply Chain including internal business customers and external business partners like SAP, Oracle and Uber Freight
- Team lead on new EMEA project in Europe rolling out seven new microservices for handling data with Nike and our partners like SAP, Oracle, Maersk, Nippon and CEVA
- 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
- Work in an Agile environment providing production support, developing new Java and Python services and leading education efforts for new engineers

### **Software Development Engineer II- Campaign Manager**

Amazon Seattle, Washington 10/2021 to 4/2023

- Campaign Manager on internal Shepherd Platform which handles all information security data across Amazon and Amazon partners like Ring and Twitch
- Was asked by leadership to become founding member of new SCM Team which focused on customer service and improving Shepherd Platform for business users and stakeholders
- Led SCM team efforts to handle campaign onboarding for all of Amazon and Amazon partners like Ring and Twitch including development of training programs for all of Amazon
- Led numerous projects including working with stakeholders to identify, define, document and plan for projects on a quarterly basis; an example of a project was a new web application which eliminated work previously done by 3 engineers and lowered customer wait time from days to minutes

### **Office of the Dean of Students- Research and Data Analyst Program Lead**

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

- 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 for technology platforms at the Basic Needs Center with projects including developing reporting tools for employees, rebuilding our student aid application software and helping to supervise student staff
- Work with University Leadership to develop analytical reports and data pipeline tools for staff primarily using Python, SQL and Adobe Suite

### **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

### **Division of Student Affairs- Business Analyst**

Oregon State University Corvallis, Oregon 6/2013 to 9/2018

- Led a large technology modernization project in the Division of Student Affairs including bringing in new CRM software, migrating data and training and supporting staff during the transition.
- Worked to support our data gathering and analysis including leading a Departmental Audit to gather and analyze 5 years of departmental data; utilized Java, Python, SQL and Excel
- 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

### **Office of the Dean of Students- 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**

- Student Corvallis, 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 Volunteer Corvallis, 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