**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

***PROFESSIONAL EXPERIENCE***

**Software Development Engineer**

Amazon 10/2021 to Present

* Work as a software engineer supporting campaign platform microservices owned by multiple teams developed with React, Redux, Node.js, Java and AWS services in an Agile environment
* Founding member of new SCM Team which is responsible for improving and automating current digital campaign onboarding process across Amazon and Amazon partners like Ring and Twitch
* Primary developer on a new self-service portal that eliminated repetitive work previously done by four to five engineers and reduced internal customer wait time from days to minutes and provided real time analytics
* Work with Senior Managers and Software Teams to gather data and analytics to support and improve digital security campaign launches across Amazon primarily utilizing AWS Services and Python

**Research and Data Analyst**

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

* Work as a full stack developer supporting RESTful APIs, web and mobile applications utilizing React, JavaScript, Node.Js, Express and AWS
* Team lead working to develop tools to automate processes done by hand using Java and Python
* Work with University Leadership to develop analytical reports and data pipeline tools for faculty primarily using Java, 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 supporting microservices including DevOps, developing REST APIs, handling tickets, writing test coverage, developing features and supporting business teams primarily utilizing JavaScript, Java and Node.js
* Developed automated testing tools with Python and Selenium for QA and Engineering Teams
* 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

**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 with JavaScript, Java and Python
* Led project to develop a single page application utilized for real time dispatch at Transportation Services used by multiple Departments and also University of Oregon and Portland State University
* 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 a number of software systems for OSU Transportation Services utilizing JavaScript, Node.js and Python

**Programmer Analyst**

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

**Research Assistant**

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

* 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
* 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

**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