

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

PROFESSIONAL EXPERIENCE

Software Engineer

Amazon

5/2021 to Present

- Work as a full stack software engineer supporting microservices developed with Java, React, Redux, Node.js, and AWS services
- Responsible for running customer onboarding of new internal security campaigns across Amazon and AWS, work includes working with multiple teams and amazon leadership

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

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

Career Development Center- Events and Marketing GRA

Oregon State University

Corvallis, Oregon

1/2012 to 6/2013

- 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

- 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

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 and Research Assistant: College of Business

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 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

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