**David Vasquez**

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Corvallis, OR 97330

(925) 818-1172

Vasquezd@onid.orst.edu

- Assigning and Reviewing Work

Assigned all Course work and reviewed all student tests, papers, quizzes and work

- Handling Disciplinary Action

Responsible for any disciplinary issues, but did not experience any

- Hiring or Recommending Hiring

N/A

- Rating Work Performance

N/A

- Responding to Grievances

Responded to any potential grievances from students but there was not any other then some small concerns about group project team members and individual member contribution

***WORK EXPERIENCE***

**Developer and Designer**

Oregon State University Corvallis, Oregon 1/16 to Present

* Used Microsoft SQL Server, Access and Excel to manage Oregon State Universities transportation services database
* Restructured, rebuilt and tested new server and client code; new code was 15% the size of old structure and 27% of the original file size
* Responsible for full stack development utilizing MS SQL Server, SQL Queries, HTML5, JavaScript, React and CSS3

**Research Assistant**

Oregon State University Corvallis, Oregon 9/14 to 1/16

* Worked as a research assistant for data and statistical analysis utilizing Java, Python, R and Stata
* Designed all course material for and instructed Ba260- Intro to Entrepreneurship

**Information Technology Coordinator**

Oregon State University- Student Life Corvallis, Oregon 6/13 to 9/14

* Lead staff member in charge of accurate data collection from all financial transactions over the past 5 years and data from 22,500 student records and 965 employers
* Built algorithms in Java to analyze this data to create a report for Department Staff and Dean of Student Life
* Managed and used Symplicity Database with over 6,000 employers and 30,000 students and alumni, this includes data analysis of events to determine program and event efficiency
* Underwent FERPA training to work with confidential student information

**Database Management**

Oregon State University- Career Services/Student Life Corvallis, Oregon 1/11 to 6/13

*Graduate Assistant*

* Worked with faculty, employers, staff and students to organize and run campus wide Career Fairs
* Created, tested and implemented a system for OSU employers and students which sends out specific job postings to students based on their major. The system is in use by over 30,000 students and 6,000 employers
* 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

**Research Assistant**

Oregon State University **-** Nuclear Engineering and RHPCorvallis, Oregon10/07 to 6/10

*Graduate Research Assistant*

* Collected data related to radioactive decay spectra and analyzed utilizing Poisson and Gaussian Statistical Methods
* Utilized data to design, test and built digital radiation and detection software. Was lead on all aspects of algorithm construction and software development cycle from start to completion
* Funded by the Department of Nuclear Engineering/Radiation Health Physics in conjunction with the Nuclear Regulatory Commission. Grant winner of $8,000 in additional funding for software development
* Nominated by faculty and selected for ARCS Fellowship providing $6,000 a year

**Instructor: Biology and Intro Physics**

Linn Benton Community College 9/08 to 09/10

* Course instructor responsible for designing all course material including lectures, tests and quizzes
* Biology course covered basic cell biology, biophysical events, cellular level radiation effects, cell survival and recover, dose response curves, systematic responses hematologic and cytogenetic effects, and stochastic effects of radiation
* Physics course covered math and physics basics, atomic and nuclear structure, EM and particulate radiation, photon interactions, differential absorption and principles of attenuation

**Good Samaritan Hospital** Corvallis, Oregon 01/08 to04/08

**Internship**

* Intern at the Good Samaritan Cancer Center working with patients undergoing radiation based therapy

**Legacy Health System**  Portland, Oregon 06/06 to 09/06

**Business Intern**

* Analyzed all contracts from minority owned vendors that worked with Legacy Health System in order to create an outreach plan for Supply Chain to integrate more local and minority owned vendors
* Presented report and presentation to Supply Chain Director and Legacy Health System Management

**Student Athlete Tutor: Athletic Department**

Oregon State University Corvallis, Oregon 10/07-6/08

* Tutored student athletes in math and health courses