**David Vasquez**

155 NW Kings Blvd Apt 647

Corvallis, OR 97330

(925) 818-1172

Vasquezd@onid.orst.edu

***TECHNICAL EXPERIENCE***

* **Languages:** PHP, JavaScript, Python, Java, C
* **Other:** JQuery, HTML5, CSS3, SASS, Drupal, WAMP and LAMP stack, Angular JS, Laravel framework
* **Databases:** MySQL, knowledge of design and analysis of RDBMS
* **Operating Systems:** Windows, Mac OS X, Linux, Android
* **Development Tools:** Adobe Photoshop, InDesign Visual Studio, Eclipse, Git, Github, Bitbucket, XCode

***WORK EXPERIENCE***

**Software Developer (Student)**

Oregon State University Corvallis, Oregon 1/16 to Present

- Build applications utilizing (PHP, Microsoft SQL Server, MySQL, HTML5,CSS3, Cold Fusion, JavaScript)

- Software Developer involved with restructuring, debugging and updating server code

- Responsible for files being reduce from 2,191 to 256 (12% of original size)

- Responsible for folders being reduced from 434 to 36 (8% of original size)

- Responsible for file size being reduced from 503 MB to 135 MB (26% of original size)

- Designed and built new lobby interface (HTML,CSS, PHP, Cold Fusion, JavaScript)

**Research Assistant and Instructor**

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

- Worked as a research assistant for data and statistical analysis utilizing Python, R and Stata

- OSU Computer Science Department senior capstone project sponsor

- Took Courses During this Time

Stats 511- Methods of Data Analysis

Stats 512- Methods of Data Analysis

AEC 525- Applied Econometrics

Ba 612- Foundations of Research

**Information Technology Coordinator**

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

- Built algorithms in Java to analyze 5 years of departmental data to create a report for Department Staff and Dean of Student Life

- Designed, developed and tested Career Services Dashboard an asynchronous client/server application with a Relation Database used to track future departmental records. Developed using PHP, MySQL, AJAX, JavaScript, JQuery, CSS and HTML

- Lead and co-supervise 7 undergraduate Career Assistants, including facilitating meetings and working closely with all staff to plan, promote and carry out Career Services’ Mission

- Founded, coordinate and participate in Employer Advisory Committee made up of Employers representing a spectrum of industries which have enabled Career Services to better connect students and employers

* Built algorithms in Java to analyze 5 years of departmental data to create a report for Department Staff and Dean of Student Life
* Designed, developed and tested Career Services Dashboard an asynchronous client/server application with a Relation Database used to track future departmental records. Developed using PHP, MySQL, AJAX, JavaScript, JQuery, CSS and HTML

**Database Management and Employer Relations**

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

*Graduate Assistant*

- Organized, marketed and prepared for Career Fairs which attracted over 400 employers and 4,100 students this year

- 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

- Managed and used Symplicity Database with over 6,000 employers and 60,000 students and alumni, this includes data analysis of events to determine program and event efficiency

* Organized, marketed and prepared for Career Fairs which attracted over 400 employers and 4,100 students this year
* 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
* Managed and used Symplicity Database with over 6,000 employers and 60,000 students and alumni, this includes data analysis of events to determine program and event efficiency

**Software Design**

Oregon State UniversityCorvallis, Oregon10/07 to 6/10

*Research Assistant*

- Designed, tested and built digital radiation and detection software as a Research Assistant in the Department of Nuclear Engineering and Radiation Health Physics. 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

* Designed, tested and built digital radiation and detection software as a Research Assistant in the Department of Nuclear Engineering and Radiation Health Physics. 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

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

**Business Intern**

* Intern at Legacy Health System’s Supply Chain; worked to create a marketing plan to attract and retain minority owned vendors.

***PROGRAMMING PROJECTS AND STARTUP WORK***

**ShareShare Cloud System**

* Summary: Building a group based social network. The system is very object oriented and will have a complete file management system a beta version is available upon request
* Technology: UIKit, JavaScript, AJAX, JQuery, multiple plugins, PHP, MySQL

**Divvy**

* Summary: Divvy is a social to do list built using tags to clarify and handle deadlines, people and tasks
* Technology: Front end relies heavily on JavaScript and JQuery for dynamic element creation

**Wishlist**

* Summary: A Social list to create and share lists of gift items you would like
* Technology: UIKit, JavaScript, AJAX, JQuery, multiple plugins, PHP, MySQL

***EDUCATION***

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

Masters of Business Administration June 2013

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

Radiation Health Physics June 2010

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

Health Management and Policy June 2007

***RELEVANT UNIVERSITY COURSES***

|  |  |
| --- | --- |
| * Applied Econometrics (Grad Level) | * Statistics 511 (Grad Level) |
| * Methods of Data Analysis 512 (Grad Level) | * Foundations of Research (Grad Level) |
| * Java Programming | * Web Design I (PHP, HTML, JS, CSS) |
| * JavaScript | * Web Design II (PHP, MySQL, JS, CSS) |
| * C Programming | * Advanced Information Systems |

***ACTIVITIES AND AWARDS***

**Senior Capstone Project Sponsor** 2014-2105

* OSU Computer Science Department senior capstone project sponsor

**OSU Mobile App Club:** Corvallis, Oregon 2013-2014

* Member of OSU App Club which works to design native and non-native apps for mobile devices.

**Fellow Achievement Rewards for College Scientists** Corvallis, Oregon 2010

* Nominated by faculty and selected for ARCS Fellowship providing $6,000 a year for research in Medical Physics

**Grant Winner for Distance Education Software** 2008

* $8,000 dollar grant for software design

**Nuclear Regulatory Commission Research Grant** 2008-2010

* Full tuition and .49 Salary