**Office of International Services at Oregon State University**  
Programming and Data Administration Experience

David Vasquez

I am excited to be applying to work as an Analyst Programmer at in the Office of International Services at Oregon State University. I was immediately drawn to this position and feel my over six years of experience in software engineering and data administration positions would make me an idea fit for this role. My background in includes working as an Analyst Programmer at Oregon State University, a Software Development Engineer at Amazon and as a Software Engineer at Nike.

During my time at OSU, I have worked as an Analyst Programmer in the Office of the Dean of Students, Transportation Services and the Division of Student Affairs. In my role at Transportation Services, I was primarily a backend developer on our business systems that entirely utilized Adobe ColdFusion for our server side. I also was involved with database administration for our department utilizing Microsoft SQL Server. Besides my day to day work I helped lead two major projects on our business applications developed with ColdFusion. The first was I lead a team rebuilding the dispatch system for Transportation Services that is used by multiple universities including Oregon State University and the University of Oregon. The second is I led a project on a redesign on the server side of our business site which included adding security features, automated metric gathering and a rebuild of our code base. The new rebuild brought in modern design principles and eliminated and cleaned old code making the site easier to maintain. In my other OSU positions, I have worked with a lot of other technology that would be useful in this role including HTML, CSS, SQL, MySQL, Python and JavaScript. While working with the Career Development Center I was asked to personally lead a team assessing five years of financial and demographic data and setting up and managing a new data program for our department.

I currently work in logistics at Nike where my team manages over 200 micro-services that handles all product information as goods flow from manufacturing facilities to retail outlets and customers. We also provide real time updates and product tracking across the supply chain to our business users and external partners like SAP, Oracle and Uber Freight. A recent project I recently lead and completed was deploying two new services for data ingestion and standardization for our shipping partners Maersk and Nippon. We primarily utilize Java, Spring Boot, Kafka, Python and AWS for our technology stack. At Amazon, I worked on the Shephard Platform which handles all information security for Amazon and our partners like Ring and Twitch. In my role I noticed a lot of repetitive work and wrote some automation scripts I shared with our team. Our leadership really liked this and shortly after I was asked to help co-found a new team based on improving customer experience with our platform. One of the first projects I helped lead was a self-service portal for our customers that eliminated work previously done by two to three engineers, reduced internal customer wait time from days to minutes and provided real time analytics for senior management.

Finally, I am a very social person going back to my first role working as a host and server at Red Robin. In my roles at OSU and Amazon I collaborated with multiple departments and users from both technical and non-technical backgrounds. I would love to become an active member of this team and get to know everyone while also contributing to the success of OSU students, faculty and staff. I also would love to continue to collaborate with other OSU Departments. I hope to get the chance to speak more about my interest in working with the Office of International Services and how my professional and academic background has prepared me to excel in this role.