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I am writing about the opportunity to work as a Bioinformatics Analyst at Oregon State University. I am really interested in the collaborative research being engaged in at the Center for Genome Research and Biocomputing and would love to be a part of it. I feel my background in research, computer science, data analysis and customer service would make me a strong fit for this role.

A major portion of this position involves bioinformatics consulting and analysis with a diverse range of clients. My background includes this type of interaction with faculty, staff and students over the course of eight years. As a graduate student I worked with faculty in the Nuclear Science and Technology Department to develop radiation detection software funded through the Nuclear Regulatory Commission. My role involved data collection and analysis to develop algorithms for the software. Recently, I have been involved as a project sponsor for the Computer Science Senior Projects which requires a lot of client interaction.

The next major component of this role is to participate in bioinformatics research. I have engaged in a range of research activities across multiple fields. Part of this research included working with researchers in the Department of Forestry and Department of Fisheries and Wildlife Science to conduct statistical analysis using Python and R. I have also engaged as an instructor of Radiation Biology and Introductory Physics and feel this teaching experience would help when working with clients who have less experience utilizing computational methods in their research. Finally, my software development experience includes many languages and tools including Python, Java, SQL, JavaScript and PHP.

This position seems like one that I would love to be involved in. I already meet with a lot of faculty across campus to learn about their research and would love to be able to engage with them. I hope I am able to speak more about my interest in this role in person.

Thanks for your time,  
David Vasquez