David Vasquez
155 NW Kings Blvd Apt 647
Corvallis, Or. 97330
(925) 818-1172
Vasquezd@oregonstate.edu

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I am writing about the opportunity to work as a Biostatistician at Oregon State University. I have five years of experience engaged in research and statistical analysis at Oregon State University that would be directly applicable to my ability to succeed in this role. Besides my experience I am incredibly passionate about engaging in research, working with faculty and simplifying complex data.

I will briefly highlight a few key elements of my background I feel are relevant to this position. I gained my master's degree in the Department of Nuclear Science and Engineering at Oregon State University. I was engaged in research funded by the Nuclear Regulatory Commission researching and developing digital radiation detection software. To develop the algorithms I had to hand collect and analyze tens of thousands of data points and develop statistical probabilities of the output signal as a function of signal chain inputs in order to replicate this behavior digitally. After this I gained my MBA and then worked as a Research Assistant in the College of Business engaging in literature reviews, data collection and analysis and research paper writing.

What stood out to me as allowing someone to be successful in this role is the ability to not just analyze and work with data but also the ability to simplify and make sense of large data sets. I have a passion for making things as simple and clear as possible. In my most current role as a software developer I led a project to rebuild our code base resulting in an 85% reduction in size. I have also co-written and published a grant and recently was hired to develop a business plan for faculty at OSU who are working on a startup.

My long term goal is to gain a PhD and I think that this position would be exciting and rewarding as well as helping me to discover my own future research interests. I hope I get the chance to speak with you more about my interest in this role.

Thanks for your time,
David Vasquez