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To Whom It May Concern:

I writing to express my interest in applying for the position of Software Engineer I. I have experience working in a variety of fields, and am looking for a career that will challenge me while allowing me to put the skills that I have acquired to use.

My studies at UC Berkeley and my work in research provided me with programming fundamentals. I have since worked with SQL, VBA, VB, C#, .NET, JavaScript, HTML and CSS while developing business and data management tools with a partner for small to medium sized SCUBA diving centers around the world. We saw a lack of available tools in this industry and took the initiative to develop customized MS Access based programs that allowed these dive centers to manage all aspects of their business through one, easy-to-use interface. This not only gave me experience in programming, but also gave me experience in working with customers to optimize function and design to meet their needs. I am now in the porcess of converting some of the tools we have developed into an easy-to-use web app using ASP.NET, Javascript, VB.NET, AJAX, JSON, and SQL. This web app will allow SCUBA instructors to spend less time managing student and customer data and more time in the water.

In all of the fields I have worked in, from research to SCUBA instructing to software development, I have proven to be an adept learner and demonstrated my ability to pass on my knowledge to others. As a research assistant I was responsible for developing new testing protocols and training undergraduate interns. In SCUBA diving, I mentored new dive professionals while teaching novice divers the knowledge and skills they would need to enjoy a sport that can potentially be very dangerous. In developing database software for dive centers, I researched and implemented new tools to improve usability and to integrate web automation and introduced these tools to my partner.

I am looking to bring the same drive and propensity for learning that has allowed me to work successfully in a variety of fields to the challenges of software development. I look forward to hearing from you.

Sincerely,
Adriana Guerra