Kasey Schultz, PhD   kwschultz@ucdavis.edu   github.com/kwschultz

Regarding the Data Scientist/Expert position at Under Armour,

In June I will be finishing my PhD in Physics at the University of California, Davis, and I am looking to begin my career in data science. Over the past four years as a graduate student in Prof. Rundle's research group, I have been developing scientific software, data visualization tools, analyzing simulation data, and improving physics-based simulations of earthquakes and tsunamis as the technical lead of the NASA-funded Virtual Quake project, as well as shipping these tools to other researchers and collaborating with them to apply our tools to their studies.

I have more than five years of experience in data analysis and visualization using Python, three years experience using C++ in a high-performance parallel computing environment, as well as experience in data analysis with R and MySQL databases.

In addition to gaining strong creative problem solving and analysis skills, I have learned valuable communication skills during my graduate research. I have presented my research at national and international conferences across California, China and Japan. I have further refined these presentation and organizational skills by writing multiple grant proposals for NASA and NSF funding.

As an avid surfer, snowboarder, and soon-to-be PhD in physics, I believe my experience as a graduate student has prepared me well and I am very interested in beginning my career in data science with Under Armour. I look forward to speaking with you soon about my qualifications and possible opportunities.