March 20, 2018

Jason Q. Smith, Hiring Manager

Oracle, Inc.

1234 Main St.

Longmont, CO 80504

Dear Mr. Smith:

I am excited to apply for the position of Data Scientist currently listed on the Oracle Human Resources site. I learned of the position through Joe Schmoe, Oracle’s Director of Analytics. Attached please find my resume.

My unique combination of management and data science enables me to place technical questions within a broader, pragmatic context. My experience in data driven management research has led me to deepen my passion for supervised learning and Bayesian analysis, that I have developed over the last couple of years.

I am also well versed and experienced in machine learning tools including Spark, TensorFlow, python, scikit-learn and SQL. I am familiar with the TensorFlow environment for machine learning. You may like to take a closer look at my projects at [github.com/my-personal-projects](https://github.com/vyorkin-personal)

My prior management experience has enabled me to take on functions with increasing leadership in my current role. Having established, managed and mentored diverse teams, I am well placed to lead a data-science team at Oracle to bring projects to production.

I would be delighted to continue this conversation in person, and you may contact me to arrange a meeting by email ([me@gmail.com](mailto:me@gmail.com)) or by phone (123-456-7890).

Sincerely,

Howard Vickers

Email: [me@gmail.com](mailto:me@gmail.com)

Phone : 123-456-7890

**JOB DESCRIPTION…**

e implementing cutting  
edge machine learning and high performance computing methodologies at terabyte  
and beyond scale. We operate as a startup within the Oracle Data Cloud, creating  
novel products to target audiences for advertising across the web and the  
biggest social media platforms in the world.  
  
This job is based in  
Colorado (Denver/Boulder), but open to remote hires from Seattle, San Francisco,  
Santa Clara, or New York as long as they are willing to travel to Colorado for  
at least 1 week/month.  
  
Primary  
responsibilities include:  
• Providing thought  
leadership in the implementation of analytical solutions  
• Communicating with  
team members, project management and business stakeholders to understand  
requirements and strategically implement robust software design  
• Researching and  
implementing the newest big data technologies to create solutions at scale  
• Identifying opportunities  
for improvement within existing software applications and frameworks  
• Acting as a source  
of knowledge and mentorship for other data scientists  
• Researching products  
that might be 3+ months away from production  
• Attempting tasks  
which may be impossible: judging the feasibility of never before answered  
questions via the exhaustion of creative ideas  
• Being agile in a  
non-agile software development environment: setting your own deadlines and  
providing project status updates when necessary  
• Managing a team of  
4+ individuals and helping to align towards a vision of creating awesome data  
driven products  
• Focus on building up  
team members to progress in their careers in parallel to adding business value  
  
Here’s a summary of  
the skills that will provide success in this position:  
• 3+ years experience  
in software development with a data science relevant bachelors degree or 1+  
years experience with an advanced degree  
• Previous management  
experience of a data science team of 3 or more  
• Previous client engagement  
experience  
• Experience with big  
data tools like Spark and Hive  
• Experience with  
cloud infrastructure such as Amazon Web Services  
• Demonstrated machine learning knowledge either through work or independent research/machine learning Contests.   
• Experience with standard  
software development practices including object oriented programming, functional  
programming, test based design  
• Comfort working in  
Linux environments, managing code through the command line, installing  
software, fixing minor operating system errors and issues  
• Some niche skill you’re  
better than most everyone at, ie: timeseries guru, supervised learning champ, markov  
chain sage, bayesian leader, deep learning dignitary, etc.  
• Exceptional problem  
solving skills with unrelenting focus on practical business implications