Overview: Polhooper Strategic (polhooper.com) is a San Diego-based LLC that contracts with enterprise clients to service data analytics needs. In particular, we work in predictive modeling and visualization, with a focus on predictive modeling for direct marketing campaigns and real estate housing data. As our workload increases, we are interested in contracting with partners who are self-starters, savvy with data and statistics, and interested in developing applied analytical skills in a business context.

We'll be working just as hard as you, but ultimately the goal here is to get paid to have a fun time doing cool stuff with data. We place as much of a premium on life quality and learning as we do on excellent work product (How can you not when living in San Diego?...)

Particulars:
* All positions are remote with 30-minute meetings on Monday and Friday to debrief in person on project status when possible, or over videoconference otherwise.
* You'll be the principal developer and data scientist on any project you are tasked with, and should be comfortable finding answers to thorny questions on sites like StackOverflow.
* Compensation is weekly fixed-rate based, on your estimated time commitment. Your rate is negotiable, but will be benchmarked initially against the typical rate of work study/TA compensation in your department.
* We’ll ask for documentation that makes it easy for any user comfortable with applied statistics and the programming languages used to install the code and put it into production.
* Initial estimated commitment of time ranges from 10 - 20 hours/week

Qualifications:
* A high level of proficiency with either R or python is a minimum requirement. You should have a demonstrated ability to work with a suite of libraries and packages to build data science workflows. Further experience with relational databases is a bonus, as is experience with front end dev.
* If considered for a predictive analytics project, you should be able to speak on a reasonably detailed level to the theory underpinning the mechanics of core ML algorithms such as neural nets, random forests, boosting forests, SVMs, etc.
* If considered for a data visualization project we’d like to see a few portfolio samples of past work (commercial or academic)
* Ideally you're already comfortable with git for version control, or are at least willing to learn this skill in a hurry.
* The more of an online profile you have for us to review the better. In particular, we're interested in GitHub, bitbucket, and Kaggle ranking.
* The terms "cross validation," "overtaining," "model ensembling", "feature creation," and "parameter tuning" should all ring a bell.

Prior commercial experience is a bonus but by no means a requirement. We're reaching out to students for a reason--you're often the hungriest to learn new stuff and the most fun to work with. If this sounds interesting to you feel free to reach out to Aaron directly at: (206) 380 - 3948 or aaron@polhooper.com