Quantitative Commercial Insight Co-Op/Internship Job Description

Individual will apply advanced methods for statistical analysis and mathematical modeling to support key commercial decisions/questions and provide valuable insights to AstraZeneca, a large pharmaceutical company with offices in Wilmington, DE.

Responsibilities include:
- Create SAS code to clean and manipulate very large 'raw' data files into formatted and structured 'production' analytic datasets
- Provide ad-hoc marketing data analysis and reporting that spans planning, execution & performance measurement
- Develop and apply methods to measure effectiveness of marketing programs and ROI
- Support in developing new and/or improving existing, capabilities for next generation business insight
- Create user-friendly decision-support analytical tools based on empirical findings for business applications
- Conduct analytic investigations using data mining tools such as logistic regression and decision trees

Job requirements:
- SAS programming experience, including Base, Stat, Macro
- 1 year of graduate level statistical expertise
- Excel and PowerPoint experience
- Strong communication / interpersonal skills and ability to creatively solve problems within a team environment
- Reliable transportation
- Minimum hours (depending on candidate) –
  - 20-30 hours/wk during Fall/Winter/Spring semesters
  - 37.5 hours/wk during Summer
- Minimum work hours to be completed during core hours of 9 am – 3 pm
- Work to be completed on-site at the AstraZeneca offices in Wilmington, DE