Downloaded from <https://www.velvetjobs.com/job-descriptions/quantitative-intern>

# Example of Quantitative Intern Job Description

Our growing company is looking for a quantitative intern. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for quantitative intern

* Build, support and automate spreadsheets used to analyze data
* Perform exploratory research on specified subjects
* Research and deliver insights related to portfolio/ firm risk exposures, portfolio construction, and quantitative analysis of the investment process
* Improve framework for models related to analyzing risk, portfolio construction, investment process, trading
* Analyze financial market data to identify patterns and potential opportunities
* Employ in-house tools to perform strategy exploration and optimization
* Research, explore and seek out new alpha signals
* Design trading models
* Gain insight into how quantitative data (market share and competitive data) is strategically leveraged and integrated across various data sources
* Participate in tracking performance of key athletic footwear and apparel retailers, producing insights for use in seasonal business plans, and partnering with internal and external teams on various projects

## Qualifications for quantitative intern

* Previous programming experience desirable (SAS, VBA, R)
* Must possess basic computer skills, preferably with Microsoft Office applications (e.g., Word and Excel)
* PhD in Biostatistics, Statistics, or a related discipline
* Rising undergraduate junior or older pursuing a BS/MS/PhD in STEM or Economics
* Self-motivated worker who is hungry to learn, act and innovate
* Bold and audacious individual who has the confidence to believe that you, as an intern, can radically change the industry