# MSCI

**Equity Analytics Technical Engineer Intern**

**About MSCI**

For more than 40 years, MSCI's research-based indexes and analytics have helped the world's leading investors build and manage better portfolios. Clients rely on our offerings for deeper insights into the drivers of performance and risk in their portfolios, broad asset class coverage and innovative research. Our line of products and services includes indexes, analytical models, data, real estate benchmarks and ESG research. MSCI serves 98 of the top 100 largest money managers, according to the most recent P&I ranking.

For more information, visit us at www.msci.com.

**Position overview**:
We are currently seeking a candidate for Equity Analytics Technical Engineer intern role to join our Portfolio Management Analytics (PMA) Validation team in Budapest, Hungary.
The PMA validation team is responsible for developing and implementing the validation processes and procedures for industry adopted financial instruments, statistics and reporting. Our goal is to ensure the 'highest level quality' and the 'fastest time to market' in the industry for financial products.
We provide great learning opportunities to our interns. As a key member of this team, the candidate will have direct responsibility for delivering technologically innovative solutions to the quantitative analyst group as well as to test the continuously evolving state of the art architecture of extremely large scale financial software. The PMA team is largely composed of financial engineers whose expertise are advanced mathematical & statistical modeling for financial applications, and this role will also be responsible in supporting the group with in-house tools & technologies to execute the model validation projects effectively & efficiently.

**Responsibilities**:
- The candidate will be exposed on a daily basis to a range of topics that require in depth technical skills:
- Testing the performance and architecture of very large scale financial software
- Delivering (design, implement & support) technologically innovative solutions to the quantitative analyst group
- Troubleshooting the problems from various technological areas ranging from system administration to identifying the causes of system slowness or failures
- Supporting and enhancing the tools which already exist in PMA team (Java, Matlab)
- Providing a new technology perspective to keep our tools at the advent of technical innovations

**Desired experience and qualifications**:
- Ongoing MSc or PhD with focus in computer science or a degree in engineering with a very strong knowledge of computer technologies
- Great to have: experience in testing of large scale software, architecting & implementing internal tools, system administration, computer programming
- Experienced with Python, Java, Excel, SQL (experience with Matlab is a plus)

- Fast learner and must be willing to learn the rapid advances in financial software technologies
- Outstanding problem solving skills
- Strong written and oral proficiency in English
- Strong sense of ownership
- Must be willing to work in a global team environment and able to move things forward on projects
- Interested working in an environment that combines finance and technology
- Comfortable working in a team and bringing people together across teams

Due to the great number of applications we receive for each of our open vacancies, we are unable to respond on an individual basis.

**To all recruitment agencies**: MSCI does not accept unsolicited CVs/Resumes. Please do not forward CVs/Resumes to any MSCI employee, location or website. MSCI is not responsible for any fees related to unsolicited CVs/Resumes.