

Data Analytics Summer Internship

Summer 2019 - NYC



Locus Analytics, a research firm in New York City, studies the network of relationships within the global economy. Locus has developed methods incorporating linguistics, complex systems, and graph theory for analyzing large, unstructured datasets. This methodology is used to model economic interactions at all scales, from small informal enterprises to major technology conglomerates. We have used our proprietary classification system to construct a database that indexes thousands of companies worldwide.

Interns collaborate in small teams, each tasked with projects and assigned a mentor from the Locus team. In previous summers, interns have pursued a wide variety of projects and questions designed around their skill sets. These have included creating standardized profiles of zip codes based on their makeup of economic functions and census data, developing data visualization prototyping tools, and clustering and classification machine learning projects. This is a unique opportunity to help build a project from the beginning — each team is entrusted with planning and executing its own end-to-end project strategy from design and implementation to testing and presentation. As a part of this team, you will have the chance to experience what it is like to completely ideate and realize a project and its goals and will be a valued and trusted member of our team.

Applicants should be prepared to answer technical, experiential, and situational interview questions.

No finance or economics background required. Applications are rolling.

Minimum Requirements

- Strong quantitative skills
- Strong ability in at least one general purpose programming language (e.g. Python, C++, Java, etc.)
- Excellent problem-solving skills
- Excellent verbal and written communication skills - ability to communicate technical concepts to non-technical audiences

Desired Skills

- Experience in designing and implementing statistical models using machine learning techniques
- Expertise in graph and network theory
- Hands-on experience with medium to large datasets (i.e. data extraction, cleaning, analysis and presentation).

Preliminary Technical

- Candidates are required to take a brief, online technical in the language of their choice. This quiz has a 15 minute time limit and is designed to test the candidate's ability to use code to quickly problem solve.
- ****Please note that applications will NOT be considered without a response to this quiz.****
- Please use the link below to access our preliminary technical
- <https://www.flexiquiz.com/SC/N/locus-technical>

Additional Information

- Pay is competitive.
- Locus will cover all visa expenses for international students.
- The internship will last approximately 10 weeks beginning in mid-June.
- We ask that you submit only one application to Locus, as we will consider you for other roles if we see a good fit. There is a field in the application to indicate interest in other roles.

Locus Analytics is proud to be an equal opportunity employer and will evaluate and make hiring decisions concerning all applicants based on qualifications regardless of presumed or actual color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital or family status, disability, gender identity or expression, veteran status, belonging to an ethnic group, or any other legally protected status. If you have a disability or special need that requires accommodation, please let us know.

Please direct any questions to apply@locus.co. To learn more about Locus Analytics, we invite you to visit our website at home.locus and our first public application, maps.locus.