Research & Analytics Associate

Company Description
Home Partners of America is a residential real estate investment company committed to providing responsible households with a New Path to Homeownership®.

Objective
The Research & Analytics Associate will work with the data and production systems used to create Home Partners’ most critical business metrics. Projects will center on working with large sets of consumer and real estate data to create forecasts and models to better support the goals of the company. Other projects will include further development of algorithms and models for determining rent pricing and home values, portfolio analysis of Home Partners’ homes, credit risk underwriting and other ad-hoc data analytics exercises as required. This position supports the activities of the Information Technology department and will work directly with the company’s key decision makers and senior management team on a daily basis. This is a salaried position located in our Chicago office.

Responsibilities
• Conduct research and analysis at the direction of Senior Management and the Analytics Team.
• Design strategies for analysis of large sets of data, including geospatial datasets and unstructured data.
• Develop financial and technical models for reporting and forecasting.
• Work with real estate data and consumer data to help develop new applications, databases, underwriting strategies and data structures.
• Identifying, adapting to and developing strategies to reconcile imperfect data.
• Perform ad-hoc reporting and other tasks as required.

Minimum Qualifications
• Familiarity in working with SQL and at least one scripting language (Python, R, Ruby, etc.).
• Experience transforming and standardizing large data sets (ETL knowledge, data architecture, data cleansing strategies, deduplication, etc.).
• Proficient with Microsoft Excel or other data-centric software packages (SAS, Tableau, SPSS, etc.).
• Demonstrated ability to manage multiple projects simultaneously, work under pressure and meet deadlines.

Preferred Qualifications
• Prior experience with automated report generation and presentation of data.
• Previous experience with geospatial analysis, financial modeling or statistics.

If you are interested in this position, please send a resume and cover letter to recruiting@homepartners.com.