



**Allstate**  
You're in good hands.

**PREDICTIVE MODELER**  
Allstate Insurance Company  
Menlo Park, CA

[APPLY HERE](#)

The Allstate Research and Planning Center (ARPC) in Menlo Park, CA is seeking a highly experienced predictive modeler for the role of Principal Scientist in its Analytics Group.

The ARPC is a small, independent and innovative group with the support of a large corporation. We offer the perfect combination of basic research projects and real business problems, as well as the time, tools and environment to effectively tackle both. We use a variety of modeling tools and algorithms to build sophisticated customer pricing models and gain insight into the causes of insurance claims. In addition to solving real-world business problems, you will be exposed to discussions about the latest trends in many areas of life (e.g. social networks, telematics, smart homes), and will explore their impact on the insurance industry.

**Examples of past projects:**

- Using geographic variables to improve customer pricing
- Identifying fraudulent auto theft claims
- Large-scale (20 million rows, 500 variables) internal data mining competition to create the next generation of insurance pricing models

**RESPONSIBILITIES**

- Exploration of applied research ideas and formulation of R&D projects.
- Execution of all phases of quantitative research projects: identifying the business problem, data exploration, modeling, communication of final results.
- Leading teams of analysts to achieve project goals.
- Knowledge sharing within the Analytics Group and the Research Center.
- Collaboration with data managers, software developers and internal Allstate clients.

**Hear what current employees have to say about working at Allstate:**

[www.allstate.com/Allstate/content/refresh-videos/HR/Allstate\\_General\\_Hiring.wmv](http://www.allstate.com/Allstate/content/refresh-videos/HR/Allstate_General_Hiring.wmv)!

**QUALIFICATIONS**

**SKILLS/EXPERIENCE REQUIRED**

- Graduate-level degree with concentration in a quantitative discipline such as statistics, computer science, cognitive science, economics, or operations research. MBA a significant plus.
- 5+ years of experience with statistical modeling and data mining in a business context using large and complex datasets.
- Expertise in statistical modeling techniques such as linear regression, logistic regression, generalized linear models, tree models (CART, MART), data visualization, cluster analysis, principal components and feature creation.
- Programming experience with SAS and/or other relevant packages (R, MATLAB, Perl, etc.) UNIX experience is a plus.
- Strong written and oral communication skills.
- Proficiency with Microsoft Office (Excel, Word, PowerPoint).
- Must be eligible to work in the US on a full-time basis. Allstate does not sponsor individuals who are not already authorized to work in the United States.

*Allstate is an equal opportunity employer.*

Our customers aren't the only ones in Good Hands with Allstate! If you are interested in working for an employer of choice, then look no further. We offer:

- A commitment to diversity
- A commitment to our communities
- A commitment to success
- A commitment to work-life balance.

*At Allstate, you will be among the industry's top talent with an environment that encourages continuing development and growth opportunities. As a member of the Allstate Team, you will enjoy a customizable benefits plan, generous paid time away, an excellent 401K plan, a defined benefit pension plan and much, much more! Are you in Good Hands?*

**HOW TO APPLY**

TO APPLY and/or learn more about this opportunity, please [CLICK HERE](#) or visit <https://allstate.taleo.net/careersection/10000/jobdetail.ftl?lang=en&job=0008UC&src=PA-11380>