Title:  Strategic Data & Analytics Student Internship – Machine Learning
Degree:  Strong preference for candidates nearing completion in a Master’s level or PhD program in Statistics, Computer Science, Computer Engineering or related field with an emphasis in machine learning and data mining.
Duties:  Work will be on some of the following:
• Recommendation engines for the insurance industry
• Natural language processing to model customer interactions and insurance concept extraction
• Image processing (Deep learning) for damage assessment.
• Speech recognition
• Chatbots for customer service
Hours:  Full time (for us that is based on 38.33 hours per week)
How to Apply:  Please visit this site to apply... https://amfam.wd1.myworkdayjobs.com/en-US/Careers/job/WI-Madison-Natl-HQ/Job-Posting-Title-Strategic-Data---Analytics-Student-Internship---Machine-Learning_R3199

Job Posting Title
Strategic Data & Analytics Student Internship - Machine Learning

WI Madison Natl HQ

At American Family Insurance, we’re driven by our customers and employees. That’s why we provide more than just a job – we provide opportunity. Whether you’re already part of our team in search of a new challenge or new to our company and ready for what’s next, you’re in the right place. Every dream is a journey that starts with a single step. Start your journey right here. Join our team. Bring your dreams.

Quick Stats:
Location:
WI Madison Natl HQ

Job ID:
R3199 Job Posting Title Strategic Data & Analytics Student Internship - Machine Learning (Open)

Summary:
Candidates must be actively enrolled through at least August 2017 to qualify for this internship.

Strong preference for candidates nearing completion in a Master’s level or PhD program.

We are specifically targeting candidates who are currently pursuing a master’s degree or PhD in Statistics, Computer Science, Computer Engineering or related field with an emphasis in machine learning and Data mining. The insurance domain offers a unique rich data environment for a Machine Learning scientist to develop new models and algorithms that have the potential to positively impact thousands of customers. Machine learning and related quantitative sciences are of significant strategic importance to our company. We innovating in the insurance landscape by using stat-of-the-art machine learning techniques e.g.: deep learning, NLP, recommendation engines, fraud detection, temporal data mining, probabilistic inference, etc. Our team is comprised of machine learning experts in our
headquarters located in Madison, WI. We believe in the long-term impact of Machine Learning to all our businesses. We are looking for smart, talented and motivated students with ML background to work on some of the following areas:

- Recommendation engines for the insurance industry
- Natural language processing to model customer interactions and insurance concept extraction
- Image processing (Deep learning) for damage assessment.
- Speech recognition
- Chatbots for customer service

We are excited to offer Machine Learning Internships in our Strategic Data & Analytics Division for the summer of 2017 (May August), in our Madison, WI office. The purpose of the Internships are to develop, establish and maintain strategies to meet organizational objectives. Effective management of assigned related activities will also be responsibilities of the position. The student intern works under the direction of a senior level employee or manager to complete projects or tasks that support the business area goals and results. Performs tasks by adapting to new or changing situations in a team environment. Gathers information, plans and organizes work efficiently and effectively. Applies and learns technical skills appropriate to the specific job assignment.

Offer to selected candidate will be made contingent on the results of applicable background checks.

Job Description:
Primary Accountabilities
Supports Division's Business Goals/Results (100%)
- Begins to develop an understanding of American Family's business environments, corporate culture and structure to support work initiatives.
- Maintains work efficiency and responds positively to a changing environment.
- Is open to and supports new ideas, systems and procedures. Generates creative ideas and actions in response to changing situations.
- Promptly adjusts strategies or tactics in situations where the current approaches are ineffective.

Responsibilities:
Specialized Knowledge and Skills Requirements
- Demonstrated experience providing customer-driven solutions, support or service
- Basic analytical skills.
- Basic knowledge and experience working within a team environment.
- Basic knowledge of developing and managing project work.

Education/Licenses/Designations
- Must be in pursuit of a post-secondary degree or certificate during the semester of the internship.
- Pursuing post-secondary education in a related major to the internship.

Stay connected: Join our Talent Community!