Data Science and Analytics Internship

WEX Inc. (NYSE: WEX) provides B2B payment processing and information management solutions. From our roots in fleet card payments beginning in 1983, we have expanded the scope of our business to a multi-channel provider of corporate payment solutions in fleet, virtual travel, and healthcare markets.

Our innovative technology, payment, and data solutions are working to enable our customers and business partners to focus on what they do best: achieve their business growth objectives.

WEX is more than just a corporate payment processing company and a job. We are an agile and innovative technology community, were our curious and collaborative people look to bring the future of commerce to the present.

Our Program

The WEX Summer Data Science and Analytics Internship offers a 12-week summer experience for students interested in Data Science and Analytics.

Our internship program is designed to provide interns hands-on, practical experiences while working alongside our some of our industry’s smartest teams; as well as providing immediate value to their teams and our leaders.

As an intern, you will be challenged and offered the opportunity to make an impact across the business and be involved in the company’s most critical business decisions.

We are looking for ambitious and curious students, who are interested in growing professionally and developing their skills to become the next generation of leaders in technology.
What you will be doing in this role:

- Deploying predictive models and integrating them into business processes and applications.
- Designing and building algorithms and predictive models using techniques such as linear and logistic regression, support vector machines, ensemble models (random forest and/or gradient boosted trees), neural networks, and clustering techniques.
- Using machine learning and data mining techniques to understand the patterns in large volumes of data, identify relationships, detect data anomalies, and classify data sets.
- Explore existing data sources using AWS Athena and Tableau
- Determine how existing data could be transformed and/or combined with additional data sources in order to solve an analytical problem
- Experiment with various big data technologies, statistical methodologies, and machine learning methodologies to prototype a solution to an analytical problem.
- Create visuals and presentations to report progress and results.

You should also expect:

- You should expect to be collaborative and challenged as you work with our diverse, passionate and talent technology teams.
- Engage and interact with senior leadership
- Train and develop your skills in your area of work with some of the best experts in the payment industry

Who we are looking for:

- At a minimum, you should be a masters-level student, in a technical degree/certificate-seeking accredited program
- Proficient understanding of relational SQL (e.g. Oracle, SQL Server, PostgreSQL) and NoSQL (Mongo, Neo4j) databases and data structures.
- Experience with machine learning (deep learning, clustering, random forests, boosting, etc.)
- Experience with statistical modeling (linear models, time series, ARIMA, PCA etc.)
- Experience with AWS (EC2, EMR, Athena, S3, Glue, etc.)
- Experience with big data technologies (Hadoop, Spark, Hive, etc.)
- Experience with data visualization (Tableau, matplotlib, ggplot2, shiny, etc.)