



Data Science – Intern (Montreal, Canada)

Are you passionate about the technology needed to drive a multi-billion dollar business? Do you love building creative, highly-scalable and expansible AI frameworks and solutions? Is working on the next gen intelligent travel platforms to revolutionize the travel experience using AI/ML challenging and attractive to you?

As a Data Scientist Intern within Expedia Group, you will work with a dynamic teams of product managers and engineers across multiple organizations to deliver sophisticated, next-gen AI Machine Learning solutions. Your vigorous STEM training and problem-solving skills are particularly important for this job function. You will contribute and make our young team become the industry-leading center of excellence for eCommerce AI and Automation.

Expedia is looking for Data Science Interns to join our teams in Bellevue/Seattle, San Francisco, Chicago offices. We are looking for highly capable data science interns to utilize machine learning, advanced analytical and statistical techniques in order to create statistical models. These statistical models could be used to optimize billions of dollars of online marketing, used to detect and prevent fraud or other complex problems that Expedia is working on.

What You'll Do:

- You will apply solid coding skills, strong analytical and innovative thinking, and Artificial Intelligence/Machine Learning expertise to quickly learn new domains and turn innovative ideas into working solutions
- You will use statistics, distributions and confidence intervals to make decisions based on data
- You will manipulate large data sets for business insights and drive solutions
- You will work on projects such as
 - Troubleshooting and identification of root cause of operational issues (e.g. data quality, critical process degradation)
 - Refining online auction bidding algorithms
 - Improve travel search/sorting algorithms
 - Advance fraud prevention algorithms
 - Apply NLP to increase efficiency of customer interactions
- Communicate complex analytical topics in a clean & simple way to multiple partners and senior leadership (both internal & external)

Who You Are:

- Able to work for 12 weeks between May 20th – August 6th or June 17th – Sept. 6th
- Working towards a master's or PhD degree in quantitative fields like Computer Science (Artificial Intelligence, Machine Learning, Natural Language Processing, Data Mining, Data Science), Mathematics, Statistics, Operations Research, Electrical Engineering
- Knowledgeable in theoretical understanding of supervised and unsupervised machine learning algorithms like Regression, Naïve Bayes, Decision Trees, Random Forests, Boosted Decision Trees, SVMs, Neural Networks, etc.
- Equipped with working knowledge in at least one high-level programming language associated with data science (Python, Java, Scala, C++, etc.).
- Experienced with statistical computing environments such as R, scikit-learn, SparkML, Python (pandas), SAS etc.

- Knowledgeable and experienced in database technologies, including SQL and other relational databases, no-SQL, and Time Series databases
- Experienced with distributed file systems, scalable datastores, distributed computing and related technologies (Spark, Hadoop, etc.); implementation experience of MapReduce techniques, in-memory data processing, etc.
- Passionate about solving problems and finding patterns and insights within structured and unstructured data
- Excellent at both written and oral communication, including an ability to communicate across business areas

Preferred Qualifications:

- Past internships in Data Science
- Travel industry and/or e-commerce experience

Your Internship will include:

- Dedicated support from a manager and mentor for the summer
- Social events, community events and learning events
- Relocation assistance, if eligible
- Hotel Discounts

You've applied, now what?

We will review your application and if you are considered a fit, we will invite you to take an online assessment. Those who pass the assessment will be invited for a final interview.

Intern Program Dates: To ensure a consistent experience, we offer two different start dates. These dates accommodate varying school's schedules.

- Group 1: May 20 – August 9, 2019
- Group 2: June 17 – September 6, 2019

Why Join Us?

Expedia Group recognizes our success is dependent on the success of our people. We are the world's travel platform, made up of the most knowledgeable, passionate, and creative people in our business. Our brands recognize the power of travel to break down barriers and make people's lives better – that responsibility inspires us to be the place where exceptional people want to do their best work, and to provide them to tools to do so.

Whether you're applying to work in engineering or customer support, marketing or lodging supply, at Expedia Group we act as one team, working towards a common goal; to bring the world within reach. We relentlessly strive for better, but not at the cost of the customer. We act with humility and optimism, respecting ideas big and small. We value diversity and voices of all volumes. We are a global organization but keep our feet on the ground so we can act fast and stay simple. Our teams also have the chance to give back on a local level and make a difference through our corporate social responsibility program, Expedia Cares.

If you have a hunger to make a difference with one of the most loved consumer brands in the world and to work in the dynamic travel industry, this is the job for you.

More information at: <https://ofertas-de-trabajo.monster.es/data-science-internship-stagiaire-en-science-des-donn%C3%A9es-montreal-qc-ca-expedia-inc/8f78f65f-ce3d-4da9-b4fd-6ed039f2f4e2>