Machine Learning Engineer

BCG GAMMA

BCG Gamma designs and builds powerful analytics-based solutions designed to help our clients tackle their most pressing business problems. We are an interdisciplinary team of data scientists and BCG consultants, collectively delivering a unique combination of domain expertise, analytics know-how, and leading technologies. Our teams own the full analytics value-chain end to end: framing new business challenges, building fact-bases, designing innovative algorithms, creating scale through creating tools and apps, and training colleagues and clients in new solutions. BCG Gamma is a global capability, working with clients in every BCG region and in every industry area. The team partners with BCG practices, including Operations and Marketing, Sales, and Pricing. Gamma is a core member of a rapidly growing analytics enterprise at BCG – a constellation of teams focused on driving practical results for BCG clients by applying leading edge analytics approaches, data, and technology.

OVERVIEW OF GAMMA X:
The Gamma X team is building the next generation of analytics tools. With your help, Gamma X will develop a platform that fuels BCG Gamma's global data and analytics offerings. Data scientists depend on easy to use interfaces to easily code, increase productivity, answer questions, and envision their results. Clients need to easily interact with our analytics applications to measure the success of their new analytics enabled organization or quickly make decisions based on what and how they see analytic output. Our clients will use our analytics solutions to derive insights around business trends. We “open the doors” to data for our clients giving them fast and trusted options to search, frame, and share data. Gamma X's goal is to help our clients understand what their data means and provide them the tools to share its narrative with various audiences.

POSITION SUMMARY:
BCG Gamma is seeking a Machine Learning Engineer to join our GammaX engineering team. The ideal candidate will have experience working on a range of different Machine Learning disciplines (professional or through schooling), e.g. Anomaly Detection, payment fraud, fraud detection, search ranking, text/sentiment classification, spam detection and others. The position will involve taking these skills and applying them to some of the most exciting and massive data and analytics problems across multiple industries. We are looking for machine learning engineers to join the ML effort for our teams, building ML-based systems, tools, and services that serve as infrastructure for our internal and external clients.

By partnering with in building complex systems, you will become an integral team member for inventing how we use technology, Machine Learning, and Data to enable the productivity of our clients. You will help envision, build, deploy and develop our next generation of data engines and tools which will help our clients fundamentally transform their business. You will be bridging the gap between business and engineering, and functioning with deep expertise in both worlds.

BASIC JOB RESPONSIBILITIES:
We are looking for a Machine Learning Engineer who can bring bleeding edge machine learning models into production together with a highly multi-disciplinary team of scientist, engineers, strategic partners, product managers and subject domain experts.
BASIC JOB REQUIREMENTS:

- BSc in computer science (or in a highly related area) or equivalent experience
- 0 to 3 years of experience in algorithms, data structures, and object-oriented programming
- Basic understanding of machine learning fundamentals and deep learning
- Implementation experience in machine learning algorithms and applications
- Strong programming skills in at least one object oriented programming language (Java, Scala, C++, Python, etc.)
- Fluency with at least one of the modern distributed ML frameworks such as TensorFlow, PyTorch, Caffe, MxNet
- Eager to learn new algorithms, new application areas and new tools.
- Excellent communication skills

STRONGLY PREFERRED

- Knowledge of or experience in building production quality and large scale deployment of applications related to natural language processing and machine learning
- Familiarity with AWS/GCP/Azure technology stack

WORK ENVIRONMENT:

- Fast-paced, intellectually intense, service-oriented environment
- Optimal locations are New York, Seattle, Boston, San Francisco, and Paris
- Expect up to 40% - 75% of time spent traveling

BCG is an Equal Employment Opportunity Employer and is committed to a policy of administering all employment decisions and personnel actions without regard to race, color, religion, sex, sexual orientation, gender identity / expression, pregnancy, national origin, age, physical or mental disability, marital status, veteran status, or any other category protected under applicable federal, state, or local law.