Senior Development Engineer - Machine Learning expert - Protection Services

Location: Hertzelya

Microsoft Protection Services develop the cloud based services that power Microsoft's security analysis and endpoint protection platforms. Protection Services' mission is to build: Collection, Classification and Distribution mechanisms that provide Microsoft customers with high quality protection in a highly dynamic threat environment and at an ever increasing pace. Protection Services is exploring opportunities to leverage machine learning and data mining techniques toward the analysis of its extensive telemetry. This is expected to enhance and automate the classification process, from detection to response, in a very large and continuously increasing scale.

We are looking for a senior applied researcher with a background in machine learning, statistics, data mining. A background in security is a plus. You will be at the forefront of security research and engineering. You will be challenged to apply machine learning techniques at scale on large data sets and at fast turnaround times. To be successful you will need to demonstrate practical experience using statistical analysis techniques and building advanced predictive models. You will also need to exhibit a strong understanding of software development and an excellent ability to work with the engineering team.

**Required skills:**

- The candidate must have applied research and software development experience.
- Master in computer science. PhD is a plus.
- Strong background in design and implementation of machine learning / data mining.
- Demonstrated ability to apply statistical techniques or data mining to solve real problems at scale.
- Security background is a plus.
- Experience in software product development (C#, C++ or Java) - with the core focus being on mathematical and / or statistical algorithms.
- Independence, leadership and strong motivation to deal with open problems.

Send your resume and grade sheet:

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