

## Principal AI Architect – Microsoft Defender for Endpoint

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Company: Microsoft

Location: Israel

Category: other-general

### Overview

Come and be part of the team building one of Microsoft's most exciting security products, Microsoft Defender for Endpoint (MDE). As cyber-attacks have become more sophisticated, MDE helps enterprises detect, investigate, and automatically disrupt advanced attacks and data breaches on their networks. From detecting and disrupting nation state actors to huge ransomware actors in action, our research team brings deep knowledge of the attacker landscape and tradecraft to create the innovations necessary to uncover and protect against even the most well-funded attacker.

Your job as a Principal AI Architect is to design and build AI solutions that help our customers with their security needs by using the team's security research skills. You will work with security research, applied science and engineering teams to make it easier to use AI in their work. You will keep track of the newest AI developments and use them to tackle hard security research issues.

Our team focuses on diversity of all types in candidates and we strive to hire people with different experiences and perspectives into our team. To that end, we know that no candidate has every desired skill and experience, but together we make a strong, effective team.

Microsoft's mission is to empower every person and every organization on the planet to achieve more. As employees we come together with a growth mindset, innovate to empower others, and collaborate to realize our shared goals. Each day we build on our values of respect, integrity, and accountability to create a culture of inclusion where everyone can thrive

at work and beyond.

### **Qualifications**

M.Sc. (PhD preferred) in Computer Science (or equivalent)

10+ years of AI/ML experience in the industry (5+ years for PhD)

Strong technical skills in AI and machine learning

Track record of shipping innovative AI-based products at scale

Extensive and up to date knowledge in LLM and other modern AI methods

Coding skills and knowledge of Python AI ecosystem

Strong problem-solving skills and ability to think creatively

Ability to learn new technologies quickly and independently

Excellent communication and interpersonal skills

Keen interest in cyber security

Preferred Qualifications

Experience in the cybersecurity industry

Publications of AI-related research

Experience with Cloud computing and databases

Experience working with customers to understand their business needs and design solutions that meet their requirements.

#MSFTSecurity #MDE #Research

### **Responsibilities**

Lead the long-term AI strategy of the team, in collaboration with the different leaders

Collaborate with security experts to integrate their insights into the AI roadmap

Stay up to date with the latest advancements in AI, including LLM, GNN and Anomaly Detection, and apply these to solve complex cybersecurity challenges

Contribute actively and work together with applied scientists to test hypotheses and implement ML models

Provide technical leadership and mentorship to the AI team

Benefits/perks listed below may vary depending on the nature of your employment with Microsoft and the country where you work. Industry leading healthcare Educational resources Discounts on products and services Savings and investments Maternity and paternity leave Generous time away Giving programs Opportunities to network and connect

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