Cloud Researcher- Research Lab

Your Role and Responsibilities

IBM Research - Haifa is looking for outstanding professionals to work as part of a leading team on cutting-edge research in cloud infrastructures, networking, data and storage --- contributing to state-of-the-art products, services, open source and practices.

The position is open to early career or experienced professionals.

Our team is developing novel ideas and technologies that will impact IBM next-generation cloud platform and Red Hat open source technologies, aiming to improve aspects of the data center infrastructure (compute, networking and data) such as scalability, cost, availability, security, manageability, performance and efficiency to support mission critical workloads and regulated industries.

The opportunity includes research and development, work with open source tools and communities, participating in European research projects as well as the dissemination of results of such innovation activities through publications and patent disclosures. We are looking for candidates with demonstrated research abilities as well as good hands-on systems skills in one or more of the following areas: Cloud infrastructure, distributed storage, big data analytics infrastructure and cloud security.

Location: Tel-Aviv / Haifa

Introduction

Are you looking to influence the next generation cloud systems? Are you interested in building the infrastructure for the future Cloud and Data landscape?
Our team is exploring and developing cutting edge technologies for Cloud infrastructure, networking, data and storage.

We are envisioning how the software stack for the IBM Cloud and Red Hat should look like. Exploring topics such as Cloud infrastructure, Cloud networking, analytics engines, optimized big data analytics, data security, data governance, and optimized data storage and memory technologies.

Required Technical and Professional Expertise

Master degree or higher degree in Computer Science or Electrical Engineering
Demonstrated research and collaboration abilities

Background in cloud technologies and open source projects for the cloud
Fluent English

Preferred Technical and Professional Experience

Good systems skills

Required Education

Bachelor's Degree

Preferred Education

Master's Degree

Eligibility Requirements

Authorized to work in Israel or hold an applicable work permit required by the Israeli law

http://bit.ly/CloudRes

Senior Engineer Hybrid Cloud- Research Lab

Your Role and Responsibilities

IBM Research - Haifa is looking for outstanding professionals to work as part of a leading team on cutting-edge research and development in hybrid cloud, edge computing, and telecom networks --- contributing to state-of-the-art products, services, open source, and practices.

Our team is developing novel ideas and technologies that have direct impact on IBM products and Red Hat open source technologies, aiming to improve aspects such as scalability, manageability, efficiency, performance, and availability to address present and future requirements of the industry and our clients.

We are looking for candidates with good knowledge of cloud native technologies such as Kubernetes, demonstrated development abilities, and good hands-on systems skills. Research background is an advantage.

Introduction

IBM Research Scientists are charting the future of Artificial Intelligence, creating breakthroughs in quantum computing, discovering how blockchain will reshape the enterprise, and much more. Join a team that is dedicated to applying science to some of today's most complex challenges, whether it's discovering a new way for doctors to help patients, teaming with

environmentalists to clean up our waterways or enabling retailers to personalize customer service.

Required Technical and Professional Expertise

BSc/MSc/PhD in CS/EE with at least 3 years of professionals experience.
Excellent programming skills and knowledge of cloud native technologies such as OpenShift, Kubernetes, and Prometheus.
Good ability to quickly learn new technologies, innovate, and develop new assets.
Team player with good communication and collaboration skills.

Required Education

Bachelor's Degree

Preferred Education

Master's Degree

Eligibility Requirements

Authorized to work in Israel or hold an applicable work permit required by the Israeli law

https://bit.ly/SeniorEngineerHybridCloud

Crypto Researcher- Research Lab

Your Role and Responsibilities

Work in the Security and Privacy technologies department in IBM Research - Haifa to contribute to cutting-edge technologies in one of the hottest CS topics today.

We are offering you the opportunity to take part in research and development of innovative technologies in the area of privacy preserving technology: homomorphic encryption, functional encryption, etc. with applications in exciting domains such as neural network training and classifying over encrypted data and searchable encryption.

The AI Security group combines expertise in ML and in Security to solve Cyber-Security challenges.

The group is composed of 3 teams that deal with Privacy Preserving Analytics, Cloud Security, Database Security.

We are looking for Cryptographer to join our Privacy Preserving Analytics team.

Introduction

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Required Technical and Professional Expertise

M.Sc./PhD. In Computer Science, Mathematics or Electrical Engineering in a leading university
Hands-on experience in Python/C/C++
Experience in Cryptography
Background in Cyber-Security

Preferred Technical and Professional Experience

Background in Cloud
Background in ML

Required Education

Master's Degree

Preferred Education

Doctorate Degree

Eligibility Requirements

Authorized to work in Israel or hold an applicable work permit required by the Israeli law

https://bit.ly/CryptoRes

IoT and AI- Senior Software Developer/Architect- Research Lab

Your Role and Responsibilities

We're seeking a talented software architect / senior software engineer to join our research team, to advance and create state-of-the-art solutions that leverage the power of IoT and AI.

At IBM Research, we believe in combining fundamental scientific skills with business opportunity to make a big impact. You'll join a team of scientists and engineers building new and innovative products and solutions for IBM. Together, we'll be advancing science while bringing new innovations to the market.

We're looking for someone who is passionate about learning new things and incubating new ideas. Our charter is to improve worker safety and productivity by leveraging advanced IoT and AI technologies such as: ML, DL , NLP/U, image processing, IoT sensors, edge processing and analytics, wearables, robotics, and exoskeletons.

Position location: Haifa or Tel Aviv.

Introduction

IBM Research Scientists are charting the future of Artificial Intelligence, creating breakthroughs in quantum computing, discovering how blockchain will reshape the enterprise, and much more. Join a team that is dedicated to applying science to some of today's most complex challenges, whether it's discovering a new way for doctors to help patients, teaming with environmentalists to clean up our waterways or enabling retailers to personalize customer service.

Required Technical and Professional Expertise

BSc in computer science or related degree
At least 5 years experience in software engineering and proven experience in software architecture
Extensive experience in one or more: Java, Python, Go, JavaScript, Node.js
Background in cloud development and architecture: microservices, Docker, K8s
Experience with DBs: SQL and NoSQL
Background in one or more: IoT technologies, ML, NLP

Preferred Technical and Professional Experience

MSc/PhD in computer science, mathematics, or electrical engineering at a leading university
Experience in NLU/P
Background in autonomous systems and robotics

Required Education

Bachelor's Degree

Preferred Education

Master's Degree

Eligibility Requirements

Authorized to work in Israel or hold an applicable work permit required by the Israeli law

https://bit.ly/IoTAIswArch

Senior Software Developer- Research Lab

Your Role and Responsibilities

We are seeking a talented software architect / senior software engineer to join our research team, to advance and create cutting-edge technologies and solutions at the intersection of blockchain, analytics and AI. The position includes researching, prototyping and developing innovative solutions to challenges in the multi-enterprise business network space. We offer an opportunity to work with top researchers in the areas of blockchain and AI and to innovate where it matters.

At IBM Research, we believe in combining fundamental scientific skills with business opportunity to make a big impact. You'll join a team of scientists and engineers building new and innovative products and solutions for IBM. Together, we'll be advancing science while bringing new innovations to the market.

Introduction

IBM Research Scientists are charting the future of Artificial Intelligence, creating breakthroughs in quantum computing, discovering how blockchain will reshape the enterprise, and much more. Join a team that is dedicated to applying science to some of today's most complex challenges, whether it's discovering a new way for doctors to help patients, teaming with environmentalists to clean up our waterways or enabling retailers to personalize customer service.

Required Technical and Professional Expertise

BSc/Msc in the field of computer science or computer engineering
At least 5 years industry experience with excellent programming skills
Team players
Self-learning skills

Required Education

Bachelor's Degree

Preferred Education

Master's Degree

Eligibility Requirements

Authorized to work in Israel or hold an applicable work permit required by the Israeli law

https://bit.ly/BlockchainSeniorEngArch