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Applied Materials - Israel



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Senior C++ Software Engineer

Rehovot, Center District, Israel · 1 month ago

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About the job

Who We Are

Applied Materials is a global leader in materials engineering solutions used to produce virtually every new chip and advanced display in the world. We design, build and service cutting-edge equipment that helps our customers manufacture display and semiconductor chips – the brains of devices we use every day. As the foundation of the global electronics industry, Applied enables the exciting technologies that literally connect our world – like AI and IoT. If you want to push the boundaries of materials science and engineering to create next generation technology, join us to deliver material innovation that changes the world.

What We Offer

Location:

Rehovot, ISR

You'll benefit from a supportive work culture that encourages you to learn, develop, and grow your career as you take on challenges and drive innovative solutions for our customers. We empower our team to push the boundaries of what is possible—while learning every day in a supportive leading global company. Visit our Careers website to learn more.

At Applied Materials, we care about the health and wellbeing of our employees. We're committed to providing programs and support that encourage personal and professional growth and care for you at work, at home, or wherever you may go. Learn more about our [benefits](#).

Job Description – Senior C++ Software Engineer

We're looking for a Senior C++ Software Engineer to join our team and work on high-performance distributed systems in a Linux environment.

What's in it for you?

This is an opportunity to work on cutting-edge technologies in a collaborative and

technically challenging environment, where your ideas and designs will make a real impact.

Our Group:

The Optical Diagnostics and Control (ODC) Business Unit is a leading division within Applied Materials focused on developing advanced inspection and diagnostics solutions for semiconductor manufacturing.

We work in a dynamic, collaborative environment, combining strong technical skills with the flexibility needed to keep up with changing industry needs.

What you'll be doing:

- As a member of this core team you will initiate, design and develop facilitating SW for the next high end processing product.
- You will make important technical decisions, ensure scalability and performance of our applications.
- You will create an innovative product and see it being launched.

What you should have?**Must-Have:**

- B.Sc. in Software Engineering, Computer Science, or a related field.
- 6+ years of hands-on experience in C++ development on Linux with Docker containers.
- Strong analytical, problem-solving, and debugging skills.
- Proven ability to design and implement complex software architectures, not just write code.
- Good collaboration skills and ability to work effectively with a team.
- Experience with Agile methodologies, Git ecosystem, and CI/CD pipelines.

Nice-to-Have:

- Proven experience in developing high-performance distributed systems.
- Proficiency in Python – strong advantage.
- Experience in real-time image processing or working with high-volume data.
- Experience with inter-processing communication.

Additional Information**Time Type:**

Full time

Employee Type:

Assignee / Regular

Travel:

Not Specified

Relocation Eligible:

No

Applied Materials is an Equal Opportunity Employer. Qualified applicants will receive consideration for employment without regard to race, color, national origin, citizenship, ancestry, religion, creed, sex, sexual orientation, gender identity, age, disability, veteran or military status, or any other basis prohibited by law.

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Senior Software Engineer, Rehovot, Center District, Israel

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0 in the past day

Candidate seniority level

55% Entry level candidates

41% Senior level candidates

Candidate education level

36% have a Bachelor of Science

23% have a Bachelor's Degree

9% have a Master's Degree

32% have other degrees

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**Exclusive Job Seeker Insights about Applied Materials - Israel**

Powered by Bing

Company focus areas

- **AI and Advanced Node Technologies:** Focus on AI computing and advanced node technologies to drive innovation in the semiconductor industry. Applied Materials is leveraging its expertise to meet the growing demand for AI-driven ...show more

Sources: ainvest.com



Hiring & headcount

Significant growth in sales: The 'Sales' department has seen a 40% increase in headcount, indicating a strong focus on expanding their sales capabilities, which suggests potential opportunities for sales training and CRM tools. Expar ... show more

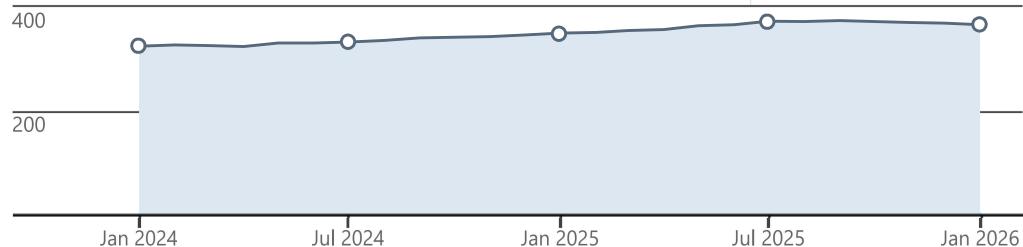


The latest hiring trend

366
Total employees

▲ 13%
Company-wide
2 year growth

▲ 3%
Engineering
2 year growth



ⓘ Median employee tenure • 3.9 years

Applied Materials - Israel hires candidates from some of these companies and schools



Applied Materials - Israel hired 7 people from IAI - Israel Aerospace Industries. [See all](#)

Competitors

Applied Materials operates in a highly competitive semiconductor equipment market, with significant competition from companies like Lam Research, ASML Holding, and TSMC. The company leverages its technological leadership, strategic ma ... show more



Sources: z2data.com +3 more



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About the company



Applied Materials - Israel
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Semiconductor Manufacturing • 1,001-5,000 employees • 368 on LinkedIn

Applied Materials is the leader in materials engineering solutions used to produce virtually every new chip and advanced display in the world. Our expertise in modifying materials at atomic levels and on an industrial scale enables c ... show more

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Lumissil Microsystems
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Software Engineer 
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21 hours ago



Emulation Engineer 
Speedata.io
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Evolution.inc
Ramat Gan, Tel Aviv District, Israel (On-site)
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DSP SW engineer 
GSI Technology
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2 hours ago  Easy Apply



Embedded Software Engineer 
Yael Korentec Technologies
Yehud Monosson, Center District, Israel (On-site)
 Actively reviewing applicants
2 hours ago  Easy Apply



Software Engineer 
Astreya
Tel Aviv District, Israel (On-site)
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6 days ago  Easy Apply



Embedded SW Engineer (Junior Position)
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Senior Full Stack Engineer
Swish Basket
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