## Intel Positions

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| | The Core micro-architecture team is looking for an outstanding and creative Electronic Engineering / Computer Engineering recent graduates to be part of Intel’s next generation Processor Core Architecture team. | In this role you’ll take part in the definition, development and optimization of Intel next generation cores for high performance. The job includes:  
- Develop new HW algorithms and new HW structures for improving the core performance in a power efficient manner.  
- Code (C++) and evaluate the new algorithms using simulations.  
- Analyzing the performance bottlenecks of the current generation.  
- Tune and improve the algorithms for best performance and power.  
- Write specification documents  
- Work closely with the design team during the implementation phase of the next generation Core. |
| | https://intel.wd1.myworkdayjobs.com/External/job/Israel-Haifa/Silicon-Architecture-Engineer-Grade_JR0204157 | JR0204157  
Silicon Architecture Engineer Grade |
### Intel's Architecture Group

Intel's Architecture Group develops breakthrough architectures for the future generations of Intel Core processors leading the industry from servers desktops laptops to tablets and phones. You will be part of the exquisite architecture team performing multidisciplinary research in Intel's microarchitecture development combining programming of the performance simulator insights in Intel instruction set and microarchitecture performance analysis and development throughout the earliest stages of microarchitectural pathfinding till the performance validation of the Silicon. This is a great and unique opportunity to be part of the team of the most talented people and for you to impact the future.

**Position:**
- **Job Title:** Architecture student
- **Position Code:** JR0196553
- **Required Experience:** Bachelor's degree in Computer Science or related field

**Responsibilities:**
- Participate in multidisciplinary research in Intel's microarchitecture development.
- Contribute to the development of Intel instruction set and microarchitecture performance analysis.
- Work closely with the team to impact the future of Intel’s architecture.

**How to Apply:**

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### Software Development Engineer

**What will you do?**

The team drives solutions which are crucial for Intel’s competitive success in the market, primarily by revolutionizing Intel’s

**Position:**
- **Job Title:** Software Development Engineer
- **Position Code:** JR0209765
- **Required Experience:** Bachelor’s degree in Computer Science or related field

**Responsibilities:**
- Participate in software development projects.
- Contribute to the development of Intel’s software solutions.
- Work closely with the team to impact the future of Intel’s software development.

**How to Apply:**
testing methodologies and driving down TT costs. These solutions are used by multiple projects in all stages of production - from design to silicon, with a wide scope and meaningful impact.

This job includes developing new modules, supporting existing ones, and ensuring high code coverage. Code will be written in Kotlin in the Intel IDE, and scripting in Python or Perl. The job requires strong software skills, ability to learn new things, and try new technologies.

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<th>Who we are</th>
<th>Building a better world is our business. Whether in your PC or in the datacentres behind the cloud, Intel designs the CPUs that are at the very heart of enabling amazing experiences for every person on earth.</th>
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<td>What will you do?</td>
<td>You will join a strong team developing high-volume high-performance Python applications that are used internally throughout all the stages of CPU core development, from pre-silicon simulations to at-scale deployment in post-</td>
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|硅智 | silicon labs. Intel CPU Architecture (x86) has over 40 years of evolution, making it a very large and challenging domain to master. You will gain a deep understanding in x86. You will implement new CPU features, work with verification engineers to optimize the value they gain from these tools and work on several exciting multi-disciplinary activities with other Intel teams. |

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<td>We are looking for a motivated student to join a global team developing high-complexity high-performance software that is on the critical path of Intel's CPU product development and verification. As a member of our DevOps team, you will develop, maintain and support automation for deployment, reporting, analysis and debug. Define the development, integration and test processes, work with developers to enable execution on newly developed Intel Architecture features. Work with multiple interfaces locally and globally, including internal customers, peer development and integration teams, sub-system providers, automation teams, lab technicians.</td>
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[https://intel.wd1.myworkdayjobs.com/External/job/Israel-Haifa/DevOps-Student-for-Intel-Core-Development_JR0187940](https://intel.wd1.myworkdayjobs.com/External/job/Israel-Haifa/DevOps-Student-for-Intel-Core-Development_JR0187940)