



Arrays Circuit Design Engineer- Tel Aviv/ Haifa- HDL

Job description

The designated candidate will participate in the physical implementation of the next IBM generation of CPU's, designed with IBM's latest and greatest Silicon process, with emphasis on high performance (low power) memory design. The designated candidate will be using cutting edge tools and design methodology. Due to the design complexity and tight requirements, the person who will fill this position will require fundamental VLSI and digital circuit design understanding and knowhow.

For this position we have two openings- one for excellent graduate, and one for experienced engineer with more than 3 years of experience.

Job Roles:

- Owning the physical design of SRAM array from initial design planning until tape-out. That includes: architecture definition, schematic, electrical simulations, physical implementation, testability, reliability, and more.
- Working closely with the Logic design team
- Working in the frame of a world global design team.

Basic Qualifications:

- Thorough VLSI & digital circuit design knowledge
- Acquaintance with digital CAD tools and Linux like work environment
- Team player
- Motivated, self-directed, and able to work independently

Advantages:

- Experience in cache/SRAM memory design Scripting (Shell/SKILL/PERL/TCL)
- experience at Custom circuit design
- VHDL/ Verilog coding
- Processor's architecture
- Deep submicron technologies and basic device physics

Required

- Bachelor's Degree
- Basic knowledge in VLSI & Digital Circuit Design Fundamentals
- English: Fluent
- Hebrew: Fluent

Go to the link to see more details. Please include your CV when applying for the position.

https://jobs3.netmedia1.com/cp/faces/job_summary?job_id=STG-0710446



CPU Verification Tools Software Engineer- HDL

Location: Haifa/ Tel Aviv

We are looking for a strong software engineer to join a leading tool development team in IBM. The team develops and supports a test generator tool used in the verification of processors during their design phase. This technology is at the backbone of IBM's processors development effort, including embedded processors, servers and super computers. As the complexity of processors grow, new technological developments and innovations are required.

The position requires the ability to understand, design and develop complex C++ software.

Requirements

- B.Sc in computer science or computer engineering
- Experience in large software project, preferably in C++, is an advantage.
- Ability to work within a team and with customer
- Grade sheet must be supplied

Required

- Bachelor's Degree
- At least 1 year experience in large software project
- English: Fluent
- Hebrew: Fluent

Go to the link to see more details. Please include your CV when applying for the position.

https://jobs3.netmedia1.com/cp/faces/job_summary?job_id=STG-0711812



Hardware Verification Design Engineer- Tel Aviv/ Haifa- HDL

This position involves responsibility for planning and executing tests in a large scale and complex verification environment, in addition to customizing parts of the environment via coding in C++ and script language.

The technology involved is at the backbone of IBM's processors development effort, including embedded processors, servers and super computers. As the complexity of processors grow, new technological developments and innovations are required. The work will be performed as part of a local and/or global verification team for an advanced, state of the art design.

For this position we have two openings- one for excellent graduate, and one for experienced engineer with more than 3 years of experience.

Basic Qualifications:

Excellent technical capabilities, understanding of complex technical challenges

Excellent people and communication skills

Team player

Motivated, self-directed, and able to work independently

Advantages:

2 years or more of experience in VLSI verification

Understanding of computer architectures

Knowledge and/or experience in object-oriented programming (C++)

Knowledge in communication, IO, memory, and processors

familiarity with verification methodology

Required

- Bachelor's Degree
- At least 2 years experience in B.Sc. in electrical engineering or computer science/engineering.
- English: Fluent
- Hebrew: Fluent

IBM is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status

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https://jobs3.netmedia1.com/cp/faces/job_summary?job_id=STG-0710447



Machine Learning Msc/Phd Research Student - Social Technologies Group

Job description:

The Social Technologies group develops and studies mechanisms to leverage social media and other advanced collaboration technologies in the business environment, where people play a key role. From a technology perspective, this includes research in data modeling, social network mining and analysis, graph analysis, recommender systems, social search, user interfaces, with emphasis on large scale (Big Data, Search Engines, Graph DB) systems. Applications include expertise location, collaboration tools, social CRM, and applications of Watson cognitive technology in the workforce.

We are looking for a talented, self-learning and innovative graduate (M.Sc. or PhD) student with the following skills and qualities:

- Technology savvy with excellent programming skills in Java
- Machine learning practical and theoretical experience is required
- Academic and/or work background in one or more of the following fields is an advantage: Information Retrieval, Data Mining, Human computer Interaction.
- MSc (or PhD) student

Required

- Master's Degree
- English: Fluent
- Hebrew: Fluent

Go to the link to see more details. Please include your CV when applying for the position.
https://jobs3.netmedia1.com/cp/faces/job_summary?job_id=RES-0712457



Msc/Phd Research Student - Social Technologies Group

Job description

The Social Technologies group develops and studies mechanisms to leverage social media and other advanced collaboration technologies in the business environment, where people play a key role. From a technology perspective, this includes research in data modeling, social network mining and analysis, graph analysis, recommender systems, social search, user interfaces, with emphasis on large scale (Big Data, Search Engines, Graph DB) systems. Applications include expertise location, collaboration tools, social CRM, and applications of Watson cognitive technology in the workforce.

We are looking for a talented, self-learning and innovative graduate (M.Sc. or PhD) student with the following skills and qualities:

- Technology savvy with excellent programming skills in Java
- Academic and/or work background in one or more of the following fields is an advantage: Information Retrieval, Data Mining, Distributed Systems, Web Applications, Machine Learning, Human computer Interaction.
- Experience in designing and building large scale systems is an advantage
- MSc (or PhD) student

Required

- Master's Degree
- English: Fluent
- Hebrew: Fluent

Go to the link to see more details. Please include your CV when applying for the position.
https://jobs3.netmedia1.com/cp/faces/job_summary?job_id=RES-0712460