Open Positions for students in Marvell

CV’s to: maiaf@marvell.com

14-14215 Engineer, Associate Software (Cellular, Comm Infrastructure and testing group)

Description
Software Engineer specializing in development of test and automation tools. The team develops software for the automation of testing in Cellular Live Network. These include:
• Automated PC tools written in C++, C# & Perl
• Embedded tools running in Android environment for on-target testing

Qualifications:
• Third or second year students, studying for B.sc/ M.sc in Electrical/ Computer Engineering or computer science.
• Availability to work minimum 2 working days in a week.
• Past working experience in software (either in PC environment or in Android environment) is an advantage.
• Past working experience in the lab as well as knowledge in cellular systems is an advantage.
• Knowledge in object oriented programming is an advantage
• Good analysis capability
• Good team work, good communication skills

Location: Petach Tikva

14-14383 Engineer, Associate Software (Cellular, Platform group)

Description:
Marvell Israel is searching for outstanding student to join the Diag team within the Cellular platform department in Petah Tikva
The student will join a software development team, which develops a diagnostic protocol that is widely used in complex cellular processor (SOC) and is a basic building block that enable the debug of cellular protocol and other code running in the chip.

**Qualifications**

Education: Second/Third year student in BSC in computer engineering/ BA in computer science.
- Experience in writing code in C – advantage.
- Experience in debug code – advantage
- Good team work, good communication skills

**Location:** Petach Tikva

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**Engineer, Associate Software (Cellular, Chip Design group)**

**Description:**
The candidate is to join the pre-silicon verification team in the CP (Cellular Processors) silicon design department. He/She is expected to quickly ramp up and learn verification advanced methodologies and complex SoC environments, using his/her knowledge and skills to verify functionality of units and complex scenarios in a SoC context. Familiar with assembly/ C writing and debugging.

**Qualifications**

Education: Third year students studying for B.Sc. in Electrical/computer Engineering
- Availability to work minimum 2 working days in a week.
- Academic excellence and/or previous working relevant experience are an advantage.
- Good team work, good communication skills, self-learning, “rosh gadol”
- Knowledge on c/assembler/OOP
- Experience as a practical eng – advantage

**Location:** Petach Tikva

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**14-14203 Associate Software Engineer (Controllers & Switching SW group)**

**Description:**
Candidate’s responsibility includes entire steps in software development of packet process’s driver
- Development and maintenance of L3 features
- Different scripts development in Python/other languages (code analyzing, CLI)
- Unit Tests development for L3 features in different packet processors (C)
Qualifications:

2nd /3rd year student for B.Sc degree in Computer Science or/and Computer Engineering.
* Ability to work at least 20 hours/week
* Experience in C programming language - must
* Experience in data communication (Ethernet, L3 protocols) and in script languages (python, lua) - advantage

Location: Petach Tikva

14-14289 Engineer, Associate Software (Controllers & Switching System group)

Description:
Marvell is searching for outstanding student to join the Software team. The student’s responsibilities will include: developing real-time embedded software for Marvell System-On-Chip (SoC’s) - Developing boot-loaders and Linux kernel. In addition, taking part in running and optimizing system benchmarks as well as development of tools used internally by the team.

Qualifications
• Outstanding 2nd' or 3rd' year student for BSc. of CS/Computer engineering

Technical Skills - Advantage:
* Experience with C language programming
* Experience in Linux kernel programming
* Experience in embedded systems and RTOS (VxWorks)
* Familiarity and understanding of HW, CPU (ARM), SoC and performance optimization techniques
* Knowledge with embedded systems:
  • Knowledge with development under windows environment capabilities for OOP development in C++
  • Knowledge and experience with HW

Location: Yokneam/ Petach Tikva