

Background

Student positions in SAP Research Israel are part-time internship positions that are targeting top first-degree CS/EE students. Salary is paid by the hour and the position is suited for working while studying.

Contact Information

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<http://www.sap.com/about/company/research/locations/raanana.epx>

Web/Application Student Position – SAP Research Israel

General Description	<ul style="list-style-type: none">• SAP research is the technology research department of SAP. SAP Research prepares groundwork for future growth by identifying emerging IT trends and relevant technological innovation. SAP Research Israel is a new group in the SAP Research global organization.
Job Description	<ul style="list-style-type: none">• SAP Research Israel is investigating application of techniques of the “Semantic Web” in the context of the SAP portfolio. Part of this research is done as public-funded projects mainly from the European Union (EU) FP7 program.• The student will develop prototypes, UIs and demonstrators where semantic tools and techniques will be used in an SAP context.• The position requires deep principal understanding of web (mostly client-side) technologies as well as hands-on experience.• The student will be required to look for and identify relevant web tools, rapidly experiment and evaluate the identified tools, and configure and compose them for further experiments.• This is a position for a skilled programmer. Experience as web site administrator or web content developer is NOT relevant to the position.• This is an excellent opportunity for a talented developer to gain experience and work in an industrial/research setup.
Job Requirements	<ul style="list-style-type: none">• Education: An undergraduate student in a CS/EE/IS department• Experience: At least one prior job in SW development• Technical Skills<ul style="list-style-type: none">○ Mandatory: Working experience in at least one of Java, Python, Ruby, Perl, PHP○ Deep familiarity and working experience with web

	<p>standards and tools XML, XML Schema, WSDL, RSS, HTML, HTTP, WIKI</p> <ul style="list-style-type: none"> ○ Nice to have: Familiarity with semantics standards RDF, OWL, SPARQL. ○ Familiarity with common server-side SW stacks such as Apache Tomcat, MySQL and Linux (user level) and/or .Net, SQL Server and Windows (user level). ○ General knowledge in Software Engineering
Additional information	<ul style="list-style-type: none"> • Speaking and writing in English • Self motivation, independence, curiosity, thoroughness • Talented students with less experience will be considered

[System Programmer Student Position – SAP Research](#)

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Job Description	<ul style="list-style-type: none"> • SAP Research is investigating ways to harness virtualization and cloud computing as a means for flexible and low-TCO deployment platforms for SAP's current and future business applications. The student will be required to compile, install and customize server-side (typically open source) components such as OS kernels, file systems, databases and web and application servers. • This is an excellent opportunity for a talented individual with system's orientation to gain experience and work in an industrial/research setup.
Job Requirements	<ul style="list-style-type: none"> • Education: An undergraduate student in a CS/EE/IS department • Experience: At least one prior job in SW development or as a system administrator in an IT shop or a data center • Expert user of the Linux environment • Good C/C++ development skills • Linux/Cygwin development environment: bash/make/gcc/gdb

	<ul style="list-style-type: none">• Nice to have:<ul style="list-style-type: none">○ Understanding of and experience in Virtualization Technologies: KVM, Xen, VMWare○ Scripting experience with Perl or Python○ Linux kernel development experience○ Low-level socket programming○ Familiarity with DB technology, SQL
Additional information	<ul style="list-style-type: none">• Speaking and writing in English• Ability to see the big picture while implementing the details• Self motivation, independence, curiosity, thoroughness• Talented students with less experience will be considered