

Internship Cloud Computing at Siemens Corporate Technology Princeton, NJ, USA

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With its 7,000 employees, Siemens Corporate Technology (CT) works hand in hand with the company's business units to ensure Siemens' future. CT conducts research with internal and external partners, including leading universities and promising start-ups. These collaborative endeavors focus on a wide range of future technologies with a view to securing them with patents and supporting them through commercialization. CT also provides development services for Siemens' business units and supports them with methods and tools related to business excellence.

Siemens Corporate Technology in Princeton, New Jersey is seeking a highly motivated Master or PhD student for a 6 to 12 months internship position in the Cloud Computing area.

What are my responsibilities?

- Implement proof of concepts for cloud computing applications and frameworks
- Automation/bootstrapping of hybrid Windows and Linux applications in the cloud
- Implementing research prototypes for Edge / Fog computing applications and platforms

What do I need to qualify for this internship?

Required:

- Current student in a Master or PhD program in Computer Science, Software Engineering or a related field.
- Proficiency in at least one scripting language, e.g. Powershell, Bash or Python is required
- Proficiency in Java or .Net and preferably also Node.js is required
- Poweruser-proficiency with Linux and/or Windows operating system environments is required
- Hands-on-experience with a major cloud computing platform, either Amazon Web Services, Microsoft Azure or OpenStack is required

Desired:

- Experience with Chef or Puppet is desired
- Experience with AWS CloudFormation or other cloud orchestration tools desired
- Experience with Docker, Microservice architectures and NoSQL database technologies desired
- Fluent in English

What else do I need to know?

- Siemens will sponsor the applicant's US work visa
- Logistics support for housing, rental car and health insurance will be provided
- Successful candidate must be able to work with controlled technology in accordance with US export control law
- Employment is US-based and under US law and not covered by a collective bargaining agreement. Interns will be compensated according to number of semesters/degree (bachelor degree: \$4000/month, master degree: \$4800/month, PhD: \$6000/month)

Please send your CV and university report card to martin.lehofer@siemens.com

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