



## Intern Cloud Software Engineer

You will be joining a high energy team to help build Helion OpenStack, Hewlett Packard Enterprise's open source cloud solution. HPE works with enterprise customers using Helion OpenStack to deploy and manage infrastructure as a service (IaaS) in their datacenter. Helion OpenStack is based on a group of open source projects with over 500 contributing companies including Intel, Dell, NEC, EMC, Red Hat, Yahoo and CERN. HPE is one of the largest contributors.

As a member of the team, you will participate in building a highly available, scalable and secure cloud solution. You will be engaged in a mix of open source and proprietary development, working with teams in HPE and across the OpenStack community.

You will work with a range of technologies including Python, Linux, OpenStack, Ansible, git, virtualisation technologies and HPE's enterprise hardware (servers, storage and networking).

**We are looking to fill a one year internship and a summer internship.**

Applications from women and minorities are encouraged.

### Key Responsibilities

- Interact with the OpenStack community to help deliver new infrastructure and platform services - focusing in particular on compute/virtualisation services. This will include reviewing code, preparing blueprints for new functionality and writing code to deliver that functionality
- Integrate new OpenStack releases into HPE's Helion OpenStack product. In particular, ensure that new releases can be deployed and managed using our Ansible-based cloud deployment
- Ensure that Helion OpenStack meets the performance, security, availability and scalability requirements of our enterprise customers

### Required

- Bachelor or Master's degree in progress, computer science related preferred
- Passion for technology
- Proficient programmer
- Eager, quick learner with strong team working skills
- Excellent oral and written English communication

### Desired

- Experience in a Linux environment
- Participation in open source development projects
- Agile development environment knowledge and/or experience

### Benefits

- Free gym membership
- Free snacks and drinks
- Flexible working environment
- Fast track to graduate scheme