

AlephCloud is a well-funded and fast-paced Silicon Valley startup just emerging from stealth mode. We intend to change cloud content management to make it secure but still easy to use – and we have the team and world-class leadership to make it happen.

We are seeking passionate software engineers who want to work on cloud content management solutions that meet highest security standards. You will be working closely with cryptographers, architects, product management, and data center operators to design and build server components.

We are looking for experienced engineers with skills in:

- * Functional programming in a strongly typed language such as Haskell
- * Systems programming languages such as C or C++
- * Development in a UNIX environment with open source software
- * Service security and identity management
- * Development of domain specific languages for policy and compliance
- * Cloud services and Cloud databases

What should you know? You have a strong computer science background with knowledge in algorithms, data structures, and distributed systems. You know about complexity and you assess if a solution scales. A background in formal methods, computational logic, cryptography, compilers, database theory, or a related field would be a plus.

Haskell is our main language used on the server side with a few modules written in JavaScript (node.js) and C. You can expect to work on many challenging areas including:

- * High-assurance cloud services for our server side infrastructure
- * Policy engines based on domain specific formal reasoning
- * Implementations of cryptographic ciphers for server side deployment
- * Prototypes and dependable reference implementations as basis for ports to various client side platforms

You have an innovative mindset and a passion for elegant design and quality. You quickly learn new languages, platforms, and frameworks as needed. You come up with novel solutions for hard problems, argue for

them in the team, and drive their realization. Due to the nature of data centric security and federated policy scenarios we encounter, common design patterns for cloud services often do not apply to our problems. Therefore we value agility, creativity, curiosity, and dedication more than anything else.

If you picture yourself meeting the above requirements then we definitely like to talk to you. Please send an email with your resume to resume@alephcloud.com

AlephCloud Systems (<http://www.alephcloud.com>) is headquartered in Sunnyvale, CA with a branch office at Seattle, WA. A qualified candidate may work from any location in the world.