

Derrick F. Rice

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I am an independent technology consultant and software engineer specializing in data infrastructure with an emphasis on user trust and data privacy. For more information on my distinguishers and line of work, please visit www.rice.io.

■■■ Technical Skills ■■■

Languages: C/C++, Java, Python, Bash, JavaScript, Perl, Ruby, php/hack

Systems and Products: Linux, TCP/IP, HTTP, DNS, mySql, PostgreSQL, Vertica, Hadoop, HDFS, Thrift

Regulation and Policy: GDPR, SOX, PCI DSS

■■■ Relevant Industry Experience ■■■

Facebook

Cambridge, MA

Software Engineering Manager, Protect and Care: Warehouse Data Privacy

2015 - 2017

- Presented Facebook's warehouse data privacy systems to PWC in biennial audit.
- Managed a team of 5 which built new deletion and de-identification assurance systems.
- Evaluated and responded to a changing privacy landscape as one of 6 data privacy technical experts.
- Influenced other business units (e.g. Oculus) to adhere to improved Facebook privacy best practices.
- Built and adapted hiring profiles in collaboration with recruiting teams. Conducted over 40 interviews.
- Managed site-wide hiring pipelines and goals as a Site Builder of this satellite office (~100 employees).

HP Vertica

Cambridge, MA

Lead Systems Software Engineer, Distributed Infrastructure

2013 - 2015

- Expert on locking, intra-cluster networking, query cancelation, workload management, and installation.
- Frequently called in by field teams for urgent investigation and resolution of product failures.
- Led a team of 5 and the associated projects, including professional development and hiring.
- Visited, hosted, and iterated with crucial customers as product representative and engineering expert.
- Presented on behalf of Vertica's engineering at Boston Data@Scale, a public conference (2014).

Akamai Technologies

Cambridge, MA

Senior Systems Software Engineer, Customer Web Portal

2012 - 2013

- Built the backend of a v1.0 application which generated customer-specific network traffic configurations.

Software Engineer, Network Monitoring Systems: Fault Management

2008 - 2012

- Automated Network Operations workflows via securely integrated Firefox, Java GUI, and Linux terminal.
- Built performance and administration features for a distributed PostgreSQL-backed alerting system.
- Served in on-call rotations and crisis-managed several after-hours incidents.

■■■ Education ■■■

MS Computer Science

Tufts University, Medford, MA

Class of 2010

BS Computer Science, summa cum laude

Tufts University, Medford, MA

Class of 2008

