Joel D. Friedly   Resume

CONTACT INFORMATION	Joel Friedly 90 Almendral Ave Atherton, CA 94027	Mobile: +1-419-974-1337 E-mail: joel.friedly@gmail.com GitHub: https://github.com/jfriedly

OBJECTIVE   Mid-level software engineering position in an infrastructure services organization.

ABILITIES
- Competent programmer in Java and Python, and some familiarity with C and C++.
- Responsible operator trusted to "figure out what's wrong and fix it" in production at both of my last two companies.
- Understand concepts of distributed consensus, cluster scheduling, data flow analysis, query optimization, and principles of API planning.
- Eager to learn: have recently been learning architectural principles of a distributed storage system. In the past, graduated valedictorian from high school, graduated college in three years, and wrote an implementation of Lisp as a learning project.
- Can speak to customers, build rapport, and write user-facing documentation.

EXPERIENCE
- Have been the senior on-call engineer for a 300-server object store.
- Have worked on both data plane and control plane infrastructure services.
- Have developed software throughout the stack: machine image creation, PXE booting, custom initramfs, Upstart jobs, database management, RESTful infrastructure services, and standard website development.
- Experience with running both Ubuntu and CentOS on servers, and some familiarity with several other distributions.

EMPLOYMENT HISTORY   Have grown from being an intern web developer into a senior service author with significant operational responsibility.

Oracle Corporation., Santa Clara, CA   **May 2015 - present**

Senior, Principal Member of the Technical Staff on the Object Storage team
- Original author of the web server frontend and perennial contributor later.
- Solely responsible for the feature set currently bringing in the majority of the service's revenue, Oracle DB backups to Swift. Implemented the Swift API, taught myself how to use RMAN, thoroughly tested integration, and wrote the original documentation.
- Responsible for metrics collection, display, and alarming.

Nebula, Inc., Seattle, WA and Mountain View, CA   **June 2012 - April 2015**

Intern, Contractor, Software Engineer on the Orchestration team
- Contributed to various orchestration control plane features including live upgrade support, bare-metal and LXC container provisioning, VIP allocation, LDAP compatibility, and internal image build and virtualization tools.
- Traveled to customer's offices many times for debugging and optimization work.

EDUCATION   **The Ohio State University**, Columbus, Ohio   **September 2010 - May 2013**
- Earned a BS in Computer Science and Engineering in three school years.

REFERENCES   Available upon request.