

JOHN GILIK
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SKILLS

Programming in Go, Python, PHP, Perl, and Bash, system administration of Linux, Windows, and BSD systems, virtualization, containers, and performance optimization at scale. Side projects include building a Linux distribution, a web frontend for Git, and a large-scale music analyzer.

EDUCATION

B.S. in Computer Science from University of California, Los Angeles

GOOGLE, INC.

SOFTWARE ENGINEER, JUNE 2014 - PRESENT

- Built several proof of concept machine learning pipelines.
- Built production website with about a million users per month.
- Proposed and built a hardware lab, now maintaining it. Handling its several thousand USD budget.
- Built reporting pipeline handling terabytes of data daily.

SYMANTEC CORP.

SOFTWARE ENGINEER, JULY 2008 - MAY 2014

- Worked on Big Data / Massively Parallel Processing systems, including Greenplum Database, Apache Hadoop, and related technologies.
- Researched and designed data science algorithms and using Map / Reduce and SQL to implement them, focusing on lossy data aggregation techniques.
- Closely worked with another team working on machine learning to insure high performance and high accuracy in their data processing
- Designed and implemented a common development environment and monitoring system, increasing uptime of an inherited system from 50% to 99%.

UCLA PHYSICS AND ASTRONOMY

COMPUTER OPERATOR, NOVEMBER 2007 - JULY 2008

- Performed hardware and software support; reduced ticket closure time 50%.
- Designed and implemented program to map unknown network topology by recursively walking administrative interfaces of all Cisco switches and routers.

INDEPENDENT CONTRACTOR

INDEPENDENT CONTRACTOR, JULY 2006 - NOVEMBER 2007

- Work included deployment automation, ETL, maintenance chores, and similar work.

UQUAD.COM

JUNIOR PROGRAMMER, JULY 2005 - JULY 2006

- Developed ORM and forum component and integrated against other developers' projects.