
CAREER OBJECTIVE

Self-driven programmer with a passion for big data, functional programming, and machine learning, who is working on continuing to hone interpersonal skills which will allow for growth as an emerging leader in the industry

EXPERIENCE

- **Akamai Technologies** Cambridge, MA
Senior Software Engineer I - Platform/Web Divisions *Jan 2014 - present*
 - **Purge Backend (Jan 2018 - present):** Designed and re-wrote the content purge system's REST API backend in Go. Reduced server footprint by 1/10 with 100 times increase in request throughput (design, implementation; Go, Python)
 - **mPulse Migration (May 2017 - Dec 2018):** Key member in transitioning SOASTA's mPulse product to the Akamai Platform following the acquisition. Operationalized 5 months post-purchase
 - **Real User Monitoring (Jan 2014 - May 2017):** Core member in building out a new data warehouse backend to take in user performance metrics in near-real time. Aided in proving value of web site performance data before SOASTA acquisition (design, implementation; Haskell, Go, C, Perl, Kafka, Apache Thrift, Apache Zookeeper, Apache Mesos, Docker; to a lesser extent: CephFS, Cassandra, HDFS)
- **Akamai Technologies** Cambridge, MA
Software Engineer I - Distributed Data Collection *Nov. 2011 - Dec 2013*
 - **Custom Reporting Wep App:** Web Application to build reports for retaining customers (design, implementation; Go, PostgreSQL, Bootstrap)
 - **Log Processing:** Key member to build a dynamic, ad-hoc data parsing, classification and aggregation system into a legacy big-data application (implementation; C, Perl, XML)

OTHER EXPERIENCE

- **Everest Gaming/CIDC** Cambridge, MA
Software Engineer - Poker Gaming Division *Nov. 2009 - Oct. 2011*
 - **Poker Backend:** Maintain, bug fix, extend high performance Linux based online poker backend servers (C++, C)
 - **Infrastructure & system improvements:** Migration to managed Perl environments
 - **Contributions:** French compliance project, data center moves, platform stability
- **Opus Healthcare Solutions** Austin, TX
Software Engineer - Engineering Department *May 2007 - Aug. 2008*
 - **Clinicals Application:** Features and bug fixes for the 2.2 release. Medical report migration from Crystal Reports to PrinceXML
- **Polycom** Austin, TX
Contractor - Engineering Department *May 2006 - March 2007*
 - **Process Improvements:** Developed Accurev triggers the entire engineering department rely on for daily peer code reviews. Designed and rewrote build scripts with a plugin-based architecture for parallel project handling
 - **Intern:** 2004, 2005 summer intern - software & hardware testing, system monitoring, and lab maintenance

SKILLS

- **Languages (proficiency / 5):** Haskell (3), Go (5), C (3), SQL (2), Perl (5), Shell Scripting (3)
- **Computer and OS:** Linux / BSD (4), Windows (2), Mac OS X (2)
- **Open Source Contributions:** github: github.com/adamflott, Haskell / Hackage author: hackage.haskell.org/user/adamflott, Perl / CPAN author: search.cpan.org/~afloft

EDUCATION

- **University of Texas - San Antonio** San Antonio, TX
Fall 2003 - Fall 2006 *Attended 2.5 years pursuing a degree in Computer Science*