KEITH MOYER

SOFTWARE ENGINEER

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Kirkland, WA 98033

SUMMARY

- Quick-learning, committed, and driven software architect and developer with experience designing and developing for enterprise-quality embedded systems
- Consistently recognized for outstanding results and going beyond that which is required
- Repeatedly ranked at the top among peers
- Rapidly becomes subject matter expert and reference in areas related to work performed
- Provides mentoring and guidance to peers in addition to official responsibilities
- Voluntarily takes on additional responsibilities in order to improve the development and quality of products
- Proactively identifies and pursues improvements pertaining to process, tools, and products
- Routinely trusted to lead critical projects

OBJECTIVE

A career that builds upon my software architecture & development experience and fulfills my life-long desire to learn new concepts/skills

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WORK EXPERIENCE

Google
Senior Software Engineer
2017–present

NetApp
Software Architect and Firmware Development Engineer
2011–2017
- Major projects involving virtualization, Linux, networking, and storage
  - Key Architect
  - Technical Lead
  - Primary Linux Subject Matter Expert
- Security, Cryptography, and Protocol Expert
- Linux Container Technologies Expert
- Extensive experience and involvement in designing, implementing, and deploying development tools and processes
  - Architect of SCM infrastructure (git-based)
  - Regular contributor and consultant to infrastructure and tools teams
- Multiple submitted and granted patents
- Key innovator on patented feature which became the basis for multiple features
- Primary developer on multiple major data-replication features
- Established award committee for recognizing coworkers
- Numerous peer-granted and management-granted awards for excellence of work and going beyond responsibilities

LSI Corp
Firmware Development Engineer
2005–2011 (division acquired by NetApp)
- Sole developer on SCSI failover target driver
- Local expert on SCSI specification considerations and compliance
- Local expert on C++ language

LSI Corp
Firmware Development Intern
Summer 2003 and 2004
- Designed/implemented/presented intelligent prefetch algorithm prototype
  - Incorporated into product line
- Designed/implemented/presented secondary cache algorithm prototype for new hardware
  - Incorporated into product line

INDEPENDENT PROJECTS

- Added VPN support to popular third-party home router firmware (Tomato)
  - Included separate back end, data, and GUI architecture
  - Downloaded nearly 100,000 times as TomatoVPN distribution
  - Code integrated into numerous other firmware distributions
- Actively participate in numerous online communities providing technical support
  - Networking
  - Coding
  - Linux
- Created/maintain custom data backup solution for friends/family
- Developed Android application to assist peers in online game
- Created/maintain server providing services relating to online game
- Frequently provide advice/assistance on various technical projects

EDUCATION

Kansas State University

Master of Software Engineering

Fall 2012–Summer 2017

- 3.9 GPA
- Specialization in Software Security
- Notable Courses
  - Software and Information Security
  - Software Security Protocol Proofs
  - Software Engineering
  - Software Verification and Validation
  - Advanced Software Analysis and Design
  - Artificial Intelligence

Kansas State University

Bachelor of Science in Computer Engineering (Minor in Computer Science)

Fall 2001–Spring 2005

- 3.9 GPA
- Emphasis in Embedded Systems

SKILLS

Languages: C++, C, Python, Assembly, Java, HTML, CSS, JavaScript

Platforms: Linux, Solaris, VxWorks, Android, Windows

Concepts: SCSI, RAID, Linux kernel, Linux user space APIs, Linux ecosystem, Multipathing, Thread/memory concurrency, Networking, C++ STL, AJAX

REFERENCES

Available upon request

RÉSUMÉ FORMATS

- HTML [https://resume.keithmoyer.com/resume.html]
- PDF [https://resume.keithmoyer.com/resume.pdf]
- Text [https://resume.keithmoyer.com/resume.txt]