David Harris
Senior Software Engineer and Manager

Motivation

My objective is to continue my career and growth with a company that shares my values.

Skills

C/C++, Java/Scala, Linux, Git

Leadership, Adaptability, Communications

Full Stack WebDev (Vue, JS, Node, MongoDB), DevOps

Experience

Senior Manager & Principal Engineer **ARRIS (now CommScope)**

Chicago, Seoul, and Atlanta   2002-present

Expanded the SNMP and data framework into the CLI subsystem, re-architected cross-card communications, and implemented our designer testing framework. Co-founded our Seoul sales and support office serving Korea and Asia-Pacific at large. In 2014, was promoted to Manager then Senior Manager of the team I currently lead.

Lead Software Engineer **Cadant (acquired by ARRIS, 2002)**

Chicago   2000-2002

Developed the C4(r) Cable Modem Termination System (CMTS) SNMP agent, authored the bulk of the MIBs, and architected many parts of the intra-card data infrastructure. Challenges included performance, memory footprint, code maintainability, and speed of new feature introduction and verification. Today, this family of CMTS cable head-end routers carry traffic for 100M+ cable data subscribers and have #1 market share.

Software Engineer **Motorola**

Chicago   1998-2000

Developed a multicast protocol deployment and testing framework to speed up workflow and reduce errors. This code is still in use today in Motorola's premier 2-way private radio system used by public safety agencies.

Education

BS Computer Engineering / 3.94 GPA **Georgia Institute of Technology**

Atlanta, GA   1993 - 1998

National Merit Scholar, Co-op

MBA / Partial **Georgia State University**

Atlanta, GA   2005 - 2006

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