

Steven Scott Durr

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Computer Engineer

- Experienced Engineer in telecommunications research, software design and development, hardware and software testing

Professional Experience

ComSource Telecommunications Inc. - Frederick, MD

January 2008-Present

Engineer

- Research, Development, Analysis and Testing on a variety of wire-line and wireless GSM switching platforms including Nokia, Alcatel, Huawei, and ZTE
- Test case development and automation using Nokia proprietary scripting language
- Design of Software Architecture for solutions using UML/SysML modeling
- Built back-end for high load SS7 messaging system including relational database, multiple platforms, and encryption
- Development and Documentation of internal processes in requirements development and management, validation and verification, technical solutions and organizational training following the CMMI model for organizational development
- Lead engineering project to commission a new laboratory with a Class 5 wire-line switch and develop value added software for the system
- Design and Implementation of numbering plans, trunk routing, and peripheral connections for the switch
- Design and Development of a GSM call generation test tool
- 8 Week Telecommunications training course at Satakunta University of Applied Sciences in Pori, Finland

Cadcom Telecommunications, Inc. - Enid, OK

Summers 2005-2007

Student Intern/Test Engineer

- Test Engineer for the Cadcom AccuCall, AccuWeb and AccuDial systems for an Inbound Call Center platform
- Designed, ran, and documented hardware and software testing procedures.
- Feature development and bug fixes on multi-platform system
- Researched cost-efficient hardware and software migration solutions
- Designed, built and programmed various pieces of testing equipment such as an auto-dialer system

Skills and Core Competencies

Languages: Assembly(x86, PPC), Python, C, C++, C#, Delphi, Java, SQL, Visual Basic

Software: IDA Pro, Wireshark, Subversion, SharePoint, Trac, PostgreSQL, Artisan Studios

Education

Georgia Institute of Technology – B.S. in Computer Engineering (2007)

- National Merit Scholar