

Software Engineer Software Engineer Longmont, CO Software Engineer Work Experience Software Engineer Mersive Technologies - Denver, CO September 2018 to Present Wireless collaboration software (Android embedded device) - application that provides collaborative conferencing solution to a connected display. (C++, Java, Qt, JavaScript). Software Developer Microsemi - Boulder, CO October 2017 to April 2018 Main work centered on Python GUI (pygtk) application that monitors and can configure atomic clock. Application runs on RedHat 6. Added new GUI functionality, refactored code and unit testing. Add security enhancements, (SSL, certificates, keys, CRLs, pam authentication). Added new features to atomic clock software (C++ on FreeBSD). Software Developer DigitalGlobe - Westminster, CO July 2015 to September 2016 Develop new C++ code and refactor existing code in Linux environment (Image processing software - Atmospheric compensation). Built automated performance testing framework along with graphing of results with python/matplotlib. Automated performance tests using aws-cli and Docker containers on AWS cloud. Improved execution performance via multi-threading. Improved system testing framework and overall build environment. Provided bug fixes and enhanced cpptasks-parallel to enable multi-threaded builds when using Ant. Senior Software Engineer Simpson Strong-Tie - Boulder, CO March 2014 to March 2015 Develop server side application to process incoming Truss software design jobs. Develop application to create PDF files with dynamic content. Migrate ASP.NET web applications (VB.NET, C#). Wrap legacy C++ code into managed C++ for use in .NET environment. Jira and Confluence configuration and customization. Senior Software Engineer CodeFutures - Louisville, CO February 2013 to December 2013 Research and development related to key/value stores (SQLite 4 - LSM, Redis). Performance testing for dbShards, SQLite 3, SQLite 4, Redis, and MySQL on AWS cloud.. Development of a common C++ API for on disk and SSD key/value store implementations.. Java development for dbShards product. Senior Software Engineer Rogue Wave Software - Boulder, CO September 2005 to January 2013 Senior Consulting Engineer Develop proof of concepts for customers with Rogue Wave's HydraExpress (A multi-threaded C++ Web Service runtime). Software development for HydraExpress runtime. Ported both SourcePro C++ (cross-platform C++ libraries) and HydraExpress to a variety of UNIX

environments (RedHat, SuSE, Solaris, HP-UX, AIX) and Windows. On-site consulting with customers in regards to company's products (SourcePro C++, HydraExpress), troubleshooting and bug fixing. Application migration for customers using Rogue Wave products. Education B.S. in Computer Science University of Colorado June 2000 to May 2003 Skills Git, Android, MySQL, Javascript

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