resume\_40@gmail.com  
(618) 724 5951  
George Gallant Staff Engineer / Scientist  
Underhill VT - Email me on Indeed: indeed.com/r/George-Gallant/0f47f41a6e3c1f79  
1) Results driven and enthusiastic Engineer with demonstrated strength guiding software and hardware teams through diverse projects including:  
- circuit modeling and simulation software  
- artificial intelligence  
- web page development  
- desktop support  
- data analysis and reporting and  
- improving processes.  
2) Recognized as highly-effective teacher and mentor and established reputation for being reliable resource for creating debugging and managing software applications on UNIX/Linux and Windows systems improving customer satisfaction.  
3) Proven results facilitating enablement initiatives efficiency activities and utilizing tools managing scheduling and prioritizing projects through development build and testing improving quality  
4) Experienced on AIX/UNIX Linux and MS Windows hardware and software platforms  
- Programming languages include: Perl C C++ SAS and shell script languages.  
- Reputation as a resource for support education and diagnosis of software problems.  
- Windows applications: MS Office Excel Word Visio and PowerPoint experience for engineering presentations to management and peers to educate or provide status of ongoing projects. Recently completed courses on Network+ and Installing and Configuring Microsoft Server 2012.  
5) Recent work supported the Semiconductor Development and Research Community at IBM.  
- Integrated and developed software used by Integrated Chip circuit designers.  
- Problem solver who interfaced with clients software support teams and software vendors.  
- Used Rational Team Concert to manage work tasks and schedules.  
6) A web server administrator: created or edited html-based web pages on secure web servers.  
7) Formal education in Electronics and Computer programming and applications.  
WORK EXPERIENCE  
Staff Engineer / Scientist  
IBM - Essex Junction VT - 2006 to 2014  
Software lead collaborating with company teams and clients developing architecture designing testing and delivering solutions involving modeling and simulation software for leading edge technologies.  
 Supported emerging features in new technologies by installing software applications used on UNIX / Linux platforms ensuring timely completion.  
 Simplified maintenance and inclusion of new features by merging disparate software applications from 2 separate design teams into 1 application.  
 Enhanced client satisfaction by maintaining websites and web server which were available 24x7 delivering critical documents to worldwide clients.  
 Prevented data loss by managing data storage and allocation shared by organization ensuring adequate storage capabilities.  
 Improved new employee onboarding by mentoring and training on systems and applications allowing faster adapting to new email systems ensuring higher productivity in engineering environment within first month.  
   
 Enriched quality by designing and implementing software version control application ensuring improved collaboration within software development teams.  
Engineer / Scientist  
IBM - 2002 to 2006  
Supported imperatives efficiency activities and structured problem solving involving software release and providing models for various design communities.  
 Delivered on time software models on UNIX / Linux based systems for simulation applications.  
 Enabled rapid use of latest UNIX / Linux applications for development team with timely installs.  
 Administered web sites and server by providing secured confidential data to worldwide clients.  
 Ensured adequate capacity by managing Data Storage and allocation shared by organization.  
 Mentored new employees enabling efficient adaption to culture and applications vital to productivity.  
Senior Specialist  
IBM - 1993 to 2002  
Creator and primary support for menu-driven data analysis system for analyzing data from manufacturing line. Provided office support for computer systems.  
 Achieved improvements to manufacturing quality by developing software enabling analysis of data collected characterizing trends and statistics with menu-driven application.  
 Improved response to computer problems by providing PC support which included software and hardware planning for engineering organization.  
 Surpassed commitments by delivering software supporting modeling and simulation applications. Previously Held Positions:  
Artificial Intelligence and Software Applications  
 Researched and applied emerging Artificial Intelligence technologies to engineering and manufacturing situations particularly with respect to Knowledge Based and Expert Systems. Creator and primary support for menu-driven data analysis system used to analyze data from a manufacturing line.  
 Published several (AI) technical papers in both internal company and external publications and conferences. Designed built and demonstrated feasible applications capturing expert knowledge.  
 Saved time by implementing data analysis improvements with user interface.  
 Reduced information loss by creating data capture application tracking experiments.  
EDUCATION  
Microsoft Products MS Server and Network support  
KnowledgeWave - South Burlington VT 2014  
Computer Science  
St. Michael's College - Colchester VT  
AAS in Electronics  
Eastern Maine Community College - Bangor ME  
SKILLS  
Network + course recently completed. Installing and configuring MS Server 2010.  
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ADDITIONAL INFORMATION www.linkedin.com/in/georgegallant/