Hello, my name is Sherrie McNulty

From Henrico, VA
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Skills

Responsive Design, MVC Patterns, Web Service API, RESTful, JSON, JavaScript, jQuery, Node, Express, Handlebars, Sequelize, MySQL, Mongoose, MongoDB, Bootstrap, CSS3, HTML5, Shell Script, C, C++, Visual Studio Code, Postman, Git, Heroku deployment

Experience

AUGUST 2019 to PRESENT - University of Richmond Students - Richmond, VA - *Private Tutor*
- SKILLS: Responsive Design, MVC Patterns, Web Service API, RESTful development, JSON, JavaScript, jQuery, Node, Express, Handlebars, Sequelize, MySQL, Mongoose, MongoDB, Bootstrap, CSS3, HTML5, Git, Visual Studio Code, Postman, and Heroku deployment
- OPERATING SYSTEM: Windows
- Provide tutorial services for Full-Stack Web Development Boot Camp students.

DECEMBER 2001 to MAY 2010 - Sherrie McNulty LLC and Purple Finch Realty LLC - Merrimack, NH - *Consultant, Broker*
- SKILLS: JavaScript, HTML, CSS, Adobe Photoshop CS and ImageReady, Microsoft Office
- OPERATING SYSTEMS Windows
- Launched two businesses and managed them simultaneously
- Designed, implemented and deployed websites and software applications
- Created procedural documentation and marketing materials
- Set-up and maintained computer systems and peripherals
- Provided in-house training and support
- Office administration and customer support

DECEMBER 2000 to AUGUST 2001 - Avid Technology, Inc. - Tewksbury, MA - *Sr. Software Engineer*
- SKILLS: JavaScript, MySQL, HTML, CSS, ASP, XML, Shell Script, C
- OPERATING SYSTEMS: Windows, MacOS, HP/UX
- Created web applications
- Architected and built an online content management system with automated archiving that enabled journalists to publish articles to our public website independently

OCTOBER 1997 to DECEMBER 2000 – Sanmina-SCI - Salem, NH - *Sr. Software Engineer*
- SKILLS: Oracle, Progress, Perl, C, Shell Script, JavaScript, HTML, CSS, JavaScript, ASP, XML, Genesys Macro Language
- OPERATING SYSTEMS: HP/UX
- Designed and implement web and CAM software applications for high-end multi-layer circuit board manufacturing
- Created functional and detailed design documentation

- Suggested and developed a version control system in response to a week-long production outage after a developer released defective code prior to going on vacation
- Replaced text entry with graphical user interfaces on production systems to reduce material waste
- Built a web-based forum to improve communication between production engineers across sites

FEBRUARY 1994 to OCTOBER 1997 - Applied Analysis Inc. - Westford, MA - *Software Engineer*
- SKILLS: C, C++, HTML, Shell Script, Erdas Imagine EML
- OPERATING SYSTEMS: HP/UX, Solaris, Windows
- Communicated directly with our chief scientist to gather information
- Converted scientific functional specifications into algorithms with discretized math
- Created detailed specifications
- Led the development team during a transition period of integrating Windows with a single platform Unix environment which required integration of C++ with legacy C code
- Designed and implemented a spectral signature database that was the core of all of our products
- Developed a bathymetry prototype that won a $400,000 grant to launch the development of a corner-stone product
- Overseas deployment
- Provided customer support
- Created a version control system that automated compilation, release and promotion of code in a multiplatform environment to enable roll-back functionality and improve the reliability of releases
- Created instructional guides
- Provided customer training and support
- Hired and mentored a junior developer and a systems administrator
- Secret Security Clearance

JUNE 1993 to JANUARY 1993 - Wyle Laboratories - Hampton, VA – *Programmer*
- SKILLS: C, Shell Script
- OPERATING SYSTEM: VAX/VMS
- Designed and coded a real-time data buffer for wind tunnel stress tests on military aircraft models
- Confidential Security Clearance

Education

University of Richmond, Richmond, VA – Full-Stack Web Development Certification, 2019
Utah State University, Logan, UT - Bachelor of Science in Computer Science (GPA: 3.5), 1993