  Hello, my name is Sherrie McNulty

From Henrico, VA

**Email:** sherriemcnulty@gmail.com

**Portfolio:** sherriemcnulty.com

Skills

HTML5, CSS3, Bootstrap, Media Queries, JavaScript, jQuery, RESTful, JSON, Web Services API, Node, Express, React, MySQL, Postman, Visual Studio Code, Git, Heroku, Photoshop

Education

* Utah State University in Logan, UT - Bachelor of Science in Computer Science, GPA: 3.5
* University of Richmond in Richmond, VA - Full-Stack Web Development Certificate of Completion, Grade: A

Experience

*August – Present, Self Employed in Richmond, VA, Tutor*

Skills:

* HTML5, CSS3, Bootstrap, Media Queries, JavaScript, jQuery, RESTful, JSON, Web Services API, Node, Express, React, MySQL, Postman, Visual Studio Code, Git, Heroku, Photoshop, ZOOM, Skype

Tasks:

* Provide face-to-face and remote tutoring services.

*July - August – University of Richmond, Richmond, VA, Student*

Skills:

* HTML5, CSS3, Media Query, Bootstrap, JavaScript, jQuery, REST/RESTful, MVC, AJAX, JSON, Node.js, Express.js, Handlebars, React, MySQL, Postman, Visual Studio Code, Git, Heroku, ZOOM

Tasks:

* Individual and Group projects
* Group lead

*July 2010 – July 2019, Volunteer, Richmond, Virginia*

Skills:

* Planning, Organization, Implementation, Personal Care of a sibling

Tasks:

* Secured disability benefits and funding for organ transplant

*Dec. 2001 – July 2010, Sherrie McNulty LLC in Merrimack, NH, Computer Consultant/Manager*

Skills:

* HTML, CSS, JavaScript

Tasks:

* Establish and maintain contacts
* Determine customer needs
* Design, implement and installation applications
* Systems administration
* Create marketing materials
* Manager/Lead of 2 employees

*Dec. 2000 – Aug. 2001, Avid Technology, Incorporated in Tewksbury, MA, Sr. Software Engineer*

Skills:

* HTML, CSS, JavaScript, Shell Script, C

Tasks:

* Design, develop, test, and support Web and CAM applications
* Systems administration
* Suggest and implement an automated publication and archiving application in lieu of purchasing a costly content management suite. This saved the company approximately $350,000.

*Oct. 1997 – Dec. 2000, Sanmina-SCI Corporation in Salem, NH, Sr. Software Engineer*

Skills:

* C/C++, Shell Script, HTML, CSS

Tasks:

* Participate and coordinate group in rapid prototyping and development of Computer Aided Manufacturing (CAM) tools for ten manufacturing sites around the world with aggressive schedules
* Directly communicate with internal customers to determine software needs
* Design, implement, release and maintain software products
* On-site and offsite installation
* Train and support internal customers and junior team members
* Investigate new technologies making decisions about future development
* Design and implement release management and customer support systems which greatly improved the ease and reliability of software releases
* Create online communication systems for a user forum and software requests
* Suggest and implement Graphical User Interfaces for tools that were previously Text Driven and error prone. This greatly reduced error which increased profit by reducing waste

*Feb. 1994 – Oct. 1997, Applied Analysis Inc. in Billerica, MA, Software Engineer*

Skills:

C, C++, HTML, CSS, Leadership

Tasks:

* Developed multi-spectral and hyperspectral image analysis tools
* Lead group in the development, deployment and support of image processing tools
* Define specifications, generate and document detailed designs
* Assign development tasks and track progress
* Mentor junior developers
* Systems administration of open LAN including all peripherals
* Initiate and implement graphical development tools to automate multi-platform and multi-environment releases. This made releases faster, more reliable and consistent
* Provide customer site installation, training and support
* Implement the initial Bathymetry prototype which won the initial funding contract that eventually led to the development of several applications currently on the market
* Secret Level Security Clearance - inactive in 1997

*June 1993 – Dec. 1993, Wyle Laboratories in Hampton, VA, Programmer*

Skills:

* C, Shell Script

Tasks:

* Develop software for real-time systems using parallel processing to acquire and buffer raw data from multiple sensors and calibrate to get intelligible results for analysis
* Suggest and implement library routines to reduce redundant code
* Maintain a Confidential Level Security Clearance - inactive in 1994