



Hello, my name is Sherrie McNulty

From Henrico, VA

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Portfolio: sherriemcnulty.com

## Skills

HTML5, CSS3, Bootstrap, Media Query, 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