



Hello, my name is Sherrie McNulty

From Henrico, VA

Email: sherriemcnulty@gmail.com

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:

- Coordinate rapid prototyping of CAM applications Initiate software documentation and train staff to utilize it
- Directly communicate with internal customers to determine software needs
- Investigate new technologies for making decisions about future development
- Train development group on implementing new technologies
- Mentor junior developers
- Design and implement release management application to improve reliability of releases
- Create a production log and software request system to improve communication among sites and departments (This was done on my own initiative)
- Suggest and implement Graphical User Interfaces for tools that were previously text to reduce error and production waste. This also increased the speed of production and eased training of new staff

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

Skills:

- C, C++, HTML, CSS, Leadership

Tasks:

- Group lead 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