



Hello, my name is Sherrie McNulty

From Henrico, VA
sherriemcnulty@gmail.com
<http://sherriemcnulty.com>

Skills

Responsive Design, CSS3, HTML5, Bootstrap, Media Queries, React, JavaScript, jQuery, API, RESTful, JSON, XML, MVC Patterns, Node.js, Express.js, MySQL, MongoDB, Mongoose, Postman, C, C++, Perl, Python, Shell Script, Visual Studio Code, Git, Heroku, and Photoshop

Experience

AUGUST 2019 to PRESENT - University of Richmond/Trilogy Students - Richmond, VA - *Private Tutor*

- Provide tutor services for Full-Stack Development Boot Camp Students
- Skills: Responsive Design, CSS3, HTML5, Bootstrap, Media Queries, React, JavaScript, jQuery, API, RESTful, JSON, XML, MVC Patterns, Node.js, Express.js, MySQL, MongoDB, Mongoose, Visual Studio Code, Git, and Heroku

FEBRUARY 2019 to JULY 2019 - University of Richmond/Trilogy - Richmond, VA – *Student*

- Student participation for lectures and weekly project assignments
- Performed as project lead during a mid-term project and project lead mentor during the final project
- Skills: Responsive Design, CSS3, HTML5, Bootstrap, Media Queries, React, JavaScript, jQuery, API, RESTful, JSON, MVC Patterns, Node.js, Express.js, MySQL, Mongo, Mongoose, Postman, Visual Studio Code, Git, Heroku, and Photoshop

JULY 2010 to FEBRUARY 2019 – Family - Richmond, VA – *Family Obligations*

- Full-time care of a terminally ill family member

MAY 2010 to JULY 2010 – RE/MAX Dynamic in Salem, NH – *Office Administrator*

- General office duties
- Skills: Microsoft Word and Excel

DECEMBER 2001 to MAY 2010 - Sherrie McNulty LLC/Purple Finch Realty in Merrimack, NH - *Web Developer/Real Estate Broker*

- Created customized websites for Realtors that integrated the MLS searches while keeping their names and contact information
- Created marketing materials
- Set up and maintained systems
- Provided on-site installation, training and support
- Performed administrative duties
- Participated in real estate sales
- Skills: HTML, CSS, and Photoshop

DECEMBER 2000 to AUGUST 2001 - Avid Technology, Inc. in Tewksbury, MA – *Senior Software Engineer*

- Built a web-based content management system with automated archiving that enabled journalists to publish articles on the web independently
- Skills: HTML, CSS, ASP, Shell Script, C

OCTOBER 1997 to DECEMBER 2000 - Sanmina SCI in Salem, NH – *Senior Software Engineer*

- Investigated the most suitable technologies to integrate and expand our CAM system functionality and trained staff on the technologies selected
- Suggested and implemented 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
- Skills: C, Perl, Shell Script, HTML, CSS, JavaScript, Genesis CAM software customization

FEBRUARY 1994 to OCTOBER 1997 - Applied Analysis Inc. in Billerica, MA – *Software Engineer*

- Led the development team during a transition period of integrating Windows into a single platform Unix environment which included integrating legacy C code with C++
- Designed and implemented a spectral signature database that was the heart of our image processing software
- Developed a bathymetry prototype that won a \$400,000 grant to launch the development of a corner-stone product
- Created a version control system that automated code promotion, compilation and release in a multiplatform environment to enable roll-back functionality and improve the reliability of releases
- Maintained computers and peripherals for two LANs, one of which was a closed LAN that we used for sensitive processes
- Hired and mentored a junior developer and a systems administrator
- Skills: Shell Script, C, C++, Erdas Imagine software customization
- Secret Security Clearance

JUNE 1993 – FEBRUARY 1994 - Wyle Laboratories in Hampton, VA – *Programmer*

- Implemented a Real-Time embedded raw data buffer to capture critical failure information for wind tunnel tests on model aircraft
- Created library modules to reduce code redundancy
- Skills: C, Shell Script
- Confidential Security Clearance

Education

- University of Richmond, Richmond, VA - Full-Stack Web Development Boot Camp Certification, Final Grade: A
- Utah State University, Logan, UT - Bachelor of Science in Computer Science, GPA: 3.5