**Derek Tiller**

Web Developer / I.T. Specialist

*Asheville, NC* - 828.407.7960 - [tillerderek@gmail.com](mailto:tillerderek@gmail.com)

**Profile**

Passionate and independently driven student of software engineering and web development, looking for opportunities to demonstrate skills related to web design, networking and I.T.

**Education**

Asheville-Buncombe Technical Community College, Asheville, NC - *A.A.S Software and Web Development*

* Developed robust understanding of full-stack web development with a focus on application programming, database integration, and deployment/management strategies.

*Expected graduation Spring 2024*

**Technical Skills**

* **Programming languages:** HTML, CSS, PHP, JavaScript, SQL, Bash and Python
* **Web design:** responsive and accessible design, RESTful API integration, Django and Flask python frameworks, PHP CMS WordPress and Drupal
* **Server and networking:** maintenance of home-lab server and cloud solutions like DigitalOcean and AWS, using in-built tools alongside Terminus, PuTTY, and Twingate for secure access
* **Containerized environments:** maintaining runtime environments and virtual networks with Docker
* **PC building and maintenance:** Building and upgrading multiple purpose built computer systems
* **Business and office software/hardware:** Proficiency with MS office suite including Access database, troubleshooting network switches, configuring routers and troubleshooting printers and office equipment

**Personal Projects**

Experimental Hydroponic Gardening - *ongoing project*

* **Project summary:** IoT technology used to develop a fully contained and self-automated gardening system designed for high-yield crop output of lettuces and leafy greens in a small space
* **Project implementation**: utilizes python automation scripts to allow for continuous monitoring of growing conditions

Home Lab Server - *completed project (2022)*

* **Project summary:** development of home lab and network, with advanced configuration to allow for restricted remote access of running services and hosted files on the server and the network at large
* **Project implementation:** Raspberry Pi 4 running docker containers with remote access handled by Twingate zero-trust network connector

**Work Experience**

**Muscle Mechanic, LLC** | Owner | *2020 - Present*

* Successfully opened, ran, and operated in-home massage therapy business through: delivering client-centered care to western North Carolina; developing strong interpersonal and business relationships; maintaining strict confidentiality and boundaries to obtain reliable results for clients and a loyal customer base

**Massage Envy** | Massage Therapist | 2014 - 2020

* Built a large following of regular clients at high volume spa by providing consistent client-centered care customized based on client’s unique needs. Was consistently the most requested therapist for several years