Will Riffe

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Portfolio coming Soon

Multidisciplinary professional transitioning from Earth and Environmental Science to IT. Excited to apply problem-solving skills, creativity, and provide a unique perspective in order to make a positive impact with whoever takes me in.

EDUCATION

Full Stack Development   Feb 2023 - Aug 2023 (Expected)
Rutgers University Bootcamp Certificate, Newark, NJ

- Completed a rigorous and comprehensive part-time course in web development that focused on in-demand skills such as HTML/CSS, JavaScript/jQuery, React.js, and MySQL/MongoDB databases.

- Collaborated on real-world projects with skilled instructors and peers, honing skills in problem-solving, project management, and effective communication.

- Gained hands-on experience with popular development tools and technologies such as Git, GitHub, VS Code, and Node.js, and learned how to use APIs to create dynamic web applications.

- Received support from an extensive team of mentors, tutors, and career coaches, as well as access to career planning services to help prepare for a successful career in web development.

Bachelor of Science (B.S.) - Geology   Aug 2009 - Dec 2014
University of North Carolina Wilmington, Wilmington, NC

EXPERIENCE

PLM Analyst   Apr 2019 - Present
iATL

- Conducted material analyses, data entry, SOP editing/generation, digitized training program.
- Passionate about problem-solving and creativity
- Honed analytical skills, and exercised lifelong attention to detail.
- Committed to contributing to innovative projects that make a difference in people's lives

Lapidary   Jun 2018 - Apr 2019
Beaufort Gem & Mineral, Beaufort, NC

- Entrepreneur in the gemstone industry
- Specialized in custom gem polishing and silversmithing
- Provided mineral samples and finished jewelry to customers

Mineral Geologist   Feb 2015 - Dec 2017
Emerald Hollow Mine, LLC
- Economic geologist and lapidary expert with mine operation team experience.
- Skilled in mineral identification, mine safety, and compliance/ state regulations.
- Producing cabochon gemstones, educating the public on mining history and mineralogy.

SKILLS

CSS | Git BASH | HTML **|** API | Express.js | GitHub | JavaScript | SQL | Node.js | Heroku | MySQL | Databases | Front End | Back End | Design | Bootstrap | JSON | Problem-solving | Creativity | Communication | Patience | Interpersonal Skills | Teamwork | Time Management | Storage | Web Architecture

VOLUNTEER

GIS Analyst / Drone Co-Pilot   Feb 2018 - Jun 2018
Duke University Nicholas School of the Environment MaRRs Lab
- Worked in a skilled team of programmers, GIS analysts, robotics experts, and PhD students under the guidance of Everett Newton
- Programmed flight plans for Unmanned Aerial Systems (Drones) and co-piloted during operations
- Processed high-detail image mosaics from Drone photography for interpretation and deliverables using relevant software suites (PIX4D, ESRI Arcmap)
- Recorded and analyzed public marine areas for marine debris and coordinated with NOAH staff regarding cleanup operations.

CERTIFICATES

Front-End Web UI Frameworks and Tools: Bootstrap 4
The Hong Kong University of Science and Technology – Coursera   *Sep 2022 – Dec 2022*

Programming for Everybody (Getting Started with Python)
University of Michigan | MichiganX – EdX   *Sep 2020*

HOBBIES

Hiking | Urban Exploration | Photography | Reading | Kayaking | DIY | Rock Hounding | Rock Polishing | Wire Wrapping | Lapidary Arts | Continuing Education

CLUBS

Fantasy and Sci-Fi Book Club Of South Jersey

https://www.meetup.com/fantasy-sci-fi-book-club-of-south-jersey/