

PROFESSIONAL EXPERIENCE

Frontend Developer, Level Up Sessions, LLC; Charlotte, NC; Remote

May 2018 – Present

- Designed and developed the front-end for the company's e-commerce site
- Integrated PayPal API to ensure secure online payments
- Created logos, catalogs, and packaging for products and site
- Determined site content and produced site maps for ease of use
- Provided internet related services including domain name registration, web hosting, and site deployment
- Complete UX testing to ensure the usability and functionality of the site for cross-browser compatibility
- Maintain website on an ongoing basis

Frontend Developer, Cherry's Carries Transport, LLC ; Charlotte, NC; Remote

January 2021 – August 2021

- Optimized site pages for maximum speed and scalability
- Balanced aesthetics with functionality to increase user engagement
- Integrated multiple APIs for client and end-user communication and usability
- Researched industry trends and websites to provide top quality designs
- Focused on a mobile-first responsive design for ensuring mobile access was a priority

Frontend Developer, Crème De La Crème Auto Spa; Austin, TX; Remote

February 2020 – December 2020

- Developed site mockups and wireframes for client to ensure quality control and client satisfaction
- Designed and deployed the entire business site
- Integrated multiple applications including the company's social media, reviews, and scheduling
- Maintained written and oral communications with the client to ensure the site met their needs
- Researched industry trends and websites to provide top quality designs
- Created the company logo according to client feedback
- Completed UX testing to ensure the usability and functionality of the site for cross-browser compatibility

Freelance Cyber Security Specialist, Self-employed; Charlotte, NC; Remote

February 2017 – May 2018

- Collaborated with clients to determine product requirements with the inclusion of a Statement of Work (SoW)
- Generated Bill of Materials (BOM) based on purchasing requisitions
- Assessed the criticality of digital assets and construct cyber security assessments for critical digital assets by delivering instructions on the evaluation and lifetime replacement of assets
- Provided customer with complete instructions required for proper product use and calibration
- Defined access privileges, control structures, and resources to client systems

I&C Engineer, AECOM; Fort Mill, SC

January 2015 – February 2017

- Prepared Engineering Change packages with specific focus on I&C (Instrumentation and Controls) Design while also compiling inputs from various disciplines in order to deliver a complete package
- Collaborated with clients to build a Statement of Work (SoW) and generated a Bill of Materials (BOM)
- Maintained timely and accurate oral and written technical reports regarding assigned engineering activities
- Addressed concerns and anticipated mishaps during the design process
- Prepared and reviewed drawings and specifications, performed engineering calculations, and completed analyses

Electronics Engineer, NAVAIR; Cherry Point, NC

August 2012 – January 2015

- Performed Engineering Investigations to determine root causes of aircraft failures and propose solutions and system updates
- Developed Test Program Sets for various avionics systems by confirming system and component capabilities through the design of testing methods and strategies for government specification compliance
- Assisted in the manufacturing and repair of naval aircraft
- Troubleshoot electronic systems to determine possible defects/failures in order to provide preventative maintenance procedures and produced Printed Circuit Board (PCB) layouts
- Produced detailed system schematics for utilization in drawing packages and to ensure proper installation and operation
- Reverse engineered grounding cables for mass production

COMPUTER SKILLS

Programming

Intermediate (HTML5, CSS3/SCSS, Bootstrap, JavaScript, Git, SQL, PHP)

Knowledgeable (React JS, C++, Objective-C, ATLAS)

Wireframing (JustInMind Prototyping, Mockplus Prototyping, Canva Design)

Software (Visual Studio Code, MicroStation V8i, PinPoint TestVue, PSpice, AutoCAD, MatLab)

MS Office (Word, PowerPoint, Excel, Project, Outlook, Visual Studio, Visio)

EDUCATION

BS in Electrical Engineering; 3.4 GPA

UNC Charlotte

PROJECTS

Pure CSS, Created drawings and animations using only CSS

Cereal Tracker, Application designed to keep track of the available cereal and the number of bowls remaining

Dino ABC, Developed to help young learners in acquiring new letters and sounds while providing interesting dinosaur facts

Dragon Ball Z, Mini fan site to highlight some of the major characters

Inspired Image Filters, Provides image manipulation for a fun take on personal photos

Periodic Table of the Elements, Produced a Periodic Table for ease of use when gathering simple element data

PROFESSIONAL CERTIFICATIONS

Engineer in Training (EIT) Certification, DAWIA SPRDE-SE Level II Certification

PROFESSIONAL TRAINING

Lean/Six Sigma and 5S Training, Engineering Management Workshop, Acquisition Initial Leadership Development, Introduction to Mentoring, Risk Management Training, Records Management Training, Basic Soldering Training, MIL-STD-1553 Databus Training, Technical Directives Training

PROFESSIONAL AWARDS/RECOGNITIONS

Individual Cash Award, Individual Time-Off Award, Recommendation for Informal Recognition Award

PROFESSIONAL INVOLVEMENT

IEEE Member, Institute of Electrical and Electronics Engineers

HKN Member, Eta Kappa Nu Electrical and Computer Engineering Honor Society

Fund Raising Chair, IEEE Student Chapter (Institute of Electrical and Electronics Engineers)

ACADEMIC HONORS

Engineer in Training Certification, Chancellor's List, Dean's List, Cum Laude

COMMUNITY SERVICE

Engineering Mentor, Fort Mill, SC

- Presented middle school students with engineering opportunities
- Supervised activities designed for students to become familiar with engineering

Engineering Mentor, Havelock, NC

- Presented engineering opportunities to High School students to pique their interest in engineering
- Recruited at ECU to assist students in finding work opportunities

NCSU Middle School Engineering Camp Mentor, Havelock, NC

- Assisted students in the completion of projects for engineering competition

Volunteer Note Taker, UNC Charlotte; Charlotte, NC

- Forty-five hours of community service was awarded for participation in the Note Taker accommodation program