PAUL ROSS, MS

631.312.7138 | pross326@gmail.com

WEB DEVELOPER | FRONT END DEVELOPER

Innovative and detail-oriented Web Developer/Front End Developer with expertise in front-end frameworks like Vue.js and back-end solutions using ASP.NET. Adept at creating scalable, responsive web applications and improving UI/UX design for enhanced user engagement. Proven track record of leveraging technical skills and collaborative problem-solving to automate workflows, optimize performance, and deliver impactful solutions. Passionate about staying ahead of current technology trends to drive organizational success.

CORE EXPERTISE

Website Design | User Interface Design | User Experience Design | Creative Problem Solving | Strategic Solution Development | Collaborative Team Player | Agile Methodology | Integrated Development | Clear Communications | Responsive Design Thinking | Analytical Decision Making | Process Improvements | Workflow Automation | Current Technology Trends |

TECHNICAL PROFICIENCIES

Vue.js | JavaScript | Vuetify | Axios | Bootstrap | CSS | HTML5 | SQL | Git | iOS | Python | Django | Custom APIs | Bitbucket | Jupyter Notebook | Visual Studio Code | Vuex | Quasar | Sourcetree | Remedy | ASP.NET | REST API | JSON | Strapi | Cognito | Postman | Azure | Atlassian | Jira | Slack | NVDA | Confluence |

DEVELOPMENT EXPERIENCE

WEB DEVELOPER | TELEFLEX | April 2024 – Present
- → **Maintain and update websites and web applications** using content management systems, APIs and various JS frameworks, specializing in Vue.js.
- → **Lead UI development strategies** for internal application**s** based on the latest UI/UX design principles.
- → Design and **maintain back-end systems and APIs** using C# and ASP.NET to **improve functionality and scalability.**

ASSOCIATE WEB DEVELOPER | TELEFLEX | Jan 2022 – April 2024
- → **Collaborate with customers and team members** to provide accurate and timely results using best practices and responsive design.
- → Supported web development tasks and **maintenance of websites and web applications.**
- → **Designed an interactive landing page** for multiple internal applications**.**

DEVELOPMENT PROJECT EXPERIENCE

MEMENTO MORI PROJECT
- → **Conceived and developed** a thought-provoking Vue.js application encapsulating the Stoic philosophy of 'Memento Mori' to encourage life **reflection and mindfulness.**
- → **Implemented an aesthetically pleasing design** that combines functionality with contemplative elements, inviting users to engage with the ancient **philosophy in a modern context.**
- → Embarked on this project inspired by **personal readings on Stoicism,** aiming to translate philosophical concepts into practical tools that have a **positive, real-world impact.**

ACCESSIBILITY (A11Y) TOOL
- → Engineered an advanced **accessibility tool aimed at transforming** traditional HTML content into **accessibility-compliant formats.**
- → Implemented features to **convert HTML tables to flexbox display tables and grids**, enhancing the adaptability and accessibility of web layouts.
- → Integrated functionalities for border adjustments, adding image overlays on text, and embedding alternative text for elements, ensuring **comprehensive accessibility improvements.**

ADDITIONAL PROFESSIONAL EXPERIENCE

HIGH SCHOOL MATH TEACHER | Rolesville High School | 2020 – 2021
Primary writer and presenter of engaging curriculum aligned with state standards and proprietary school programs delivered through remote and in-person learning tools to promote a love of learning and balance rigorous coursework and expectations.
   → Facilitate **30 students' progression** through designated math courses across **3, 90-minute classes, daily.**
   → **Collaborate with specialists and staff** to deliver against individualized learning requirements for **50% of the IEP** population.
   → **Rapidly innovate and iterate on school programs, resources, tools, and curriculum** to elevate learning experience and time savings.

MATHEMATICS TEACHER | Hyde Leadership Charter School | 2018 – 2020
   → Compelled learning across Algebra 1, Geometry, Computer Science, and Physics through captivating lessons and facilitation.
   → **Tracked and monitored individual data** to inform instruction and mentor individual student success, particular for **25% on IEPs**.
   → **Designed, evolved, and led instruction for ½ year Coding Course** based on Bootstrap Algebra Course.

ALGEBRA & GEOMETRY TEACHER | New Visions Charter School | 2016 – 2018
   → Partnered with a Special Education teacher in each classroom to **tailor learning for 30 students, 30% IEPs, in 4 - 65 minutes classes.**
   → **Accelerated Regents Exam scores by 22%** within the 1st year.
   → Created Peer Influence Club **reducing behavioral disruptions by 30%** through tactical mentoring and accountability of **20 members**.

EDUCATION, CERTIFICATION, & PROFESSIONAL DEVELOPMENT

MASTER OF SCIENCE | Educational Psychology | Marist College | Poughkeepsie, NY
5 – 6 Extension Certificate

BACHELOR OF ARTS | Secondary Education | Iona College| New Rochelle, NY
NCATE Accreditation | Mathematics, Grades 7 – 12 Certificate

CERTIFICATE | **Build a Website Skill Path**| Codecademy
CERTIFICATE | **Front End Engineer** | Codecademy Pro
CERTIFICATE | **Python Bootcamp** | Udemy
CERTIFICATE | **Crash Course** | Eric Matthes
CERTIFICATE | **Learn JavaScript** | Codecademy
CERTIFICATE | **Learn CSS** | Codecademy

CERTIFICATE | **Intermediate CSS** | Codecademy
CERTIFICATE | **Learn Responsive Design** | Codecademy
CERTIFICATE | **Learn Color Design Course** | Codecademy
CERTIFICATE | **Learn HTML** | Codecademy
Bootstrap Algebra | bootstrapworld.com
30 Days of Code | Hackerrank Challeng

HONORED ACCOLADES

"While Paul is a young teacher, he displays professionalism and conscientiousness of a seasoned veteran. As a geometry teacher, Paul worked in tandem with his Co-teacher. The systems and routines were clearly outlined throughout the room and soft chatter about math was commonplace. In the CS through Algebra course, Paul showed a willingness to learn with his students through code. His humility and patience were on full display as the varying level of math ability and the comfort in the room was vast. The classroom was full of joy, the occasional bewilderment at a broken strand of code, and students taking full responsibility for their own learning… Paul's goals were met and led to a more robust learning environment. His willingness to take on new challenges has made him even more versatile… His professionalism and humility continue to grow as a model for students and staff alike." - Matthew Hittenmark, Asst. Director, Hyde Leadership Charter