

Gerry Creighton

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I am a self-taught, creative Front End Web Developer with strong design skills who is passionate about all things interactive. I am a developer who is always thinking "what's next?" while trying to perfect what is now. Testing and troubleshooting software issues have been a part of my career for 20 years, so I would like to use this experience in a tester role.

Work Experience

Technical Specialist - Tester

Sunhillo Technical Services Inc.
FAA AJM-25 - SAPT - Pomona, NJ
November 2021 to November 2023

Testing the Federal Aviation Administration's SAPT application backend and website using standard test procedures. Using regression testing, test-driven development, handling of JIRA & AIMS tickets, familiarity with industry-standard test and evaluation strategies, and FAA V&V practices. Using GIT, SQL, command line, ZAP scans, WORD, Jmeter, Katalon Studio, MobaXTerm.
<https://sapt.faa.gov>

Web Developer - GIS Software Engineer

WR Systems Inc. - Norfolk, VA
July 2020 to October 2020

As the lead Software Engineer, I was responsible for creating interactive data-driven 3D and GPS web-based applications using HTML, CSS, GIT, .Net, Javascript, Cesium, Unity 3D, and other technologies.

Web Developer

Transition Bikes - Bellingham, WA
February 2019 to June 2019

As the Web Developer, I was responsible for creating several database-driven web pages to display company event information using Coldfusion, JQuery, Javascript, CSS, and HTML to enhance the user experience. I also meet with and plan any future development for the company website with the stakeholders to ensure proper deliverable projects are successfully met on time. I also tested our website across browsers and devices to ensure consistent user experience.

Web Developer

Sunhillo Inc.
FAA AJM-25 - SAPT - Pomona, NJ
September 2015 to November 2018

As the Web Developer I was responsible for maintaining the SAPT website creating interactive user interfaces and applications using .PHP, GIT, Cesium, XML, CSS, Javascript, JQuery and HTML to enhance the user experience.

As the Web Developer for the SAPT project, I managed the website and the interactive maps. One of my critical tasks was to convert the interactive Google-based map embedded in the website. Google Maps, which the previous system was using, was being deprecated by Google. I was first required to research a replacement that would work with our system. Completing this task required a complete understanding of the SAPT project. I needed to understand what information was necessary from the flight information form and what our system needed to display.

I rebuilt the entire interactive maps interface to display a route of flight and outages and display of NOTAMs (notice to airmen) on a geographic map using Cesium, a javascript framework.

Implementing a new interface required regression testing, test-driven development, handling of JIRA tickets, familiarity with industry-standard test and evaluation strategies, and FAA V&V practices.

<https://sapt.faa.gov>

Computer Scientist Web Developer

Hi-Tec Systems Inc.

Supporting FAA Aviation Research Division &

Human Factors Branch - Pomona, NJ

October 2012 to September 2015

As the Web Developer I was responsible for maintaining the Human Factors branch & division, atmseminar.org, icrat.org & atcquarterly.org websites creating interactive user interfaces and applications using .ASP, C# .net,

Coldfusion, SQL, XML, SharePoint, CSS2, CSS3, jQuery and HTML/HTML5 to enhance the user experience. I also meet with and plan any future development for these websites with the stakeholders to ensure proper deliverables are successfully met on time. I also tested our applications and websites across browsers and devices to ensure a consistent user experience

Flash & Web Developer

Disc Makers Inc - Pennsauken, NJ

April 2010 to May 2012

As the Flash Developer I was responsible for creating Flash, interactive user interfaces and applications using Actionscript 3 OOP, Papervision3D, .ASP, XML, CSS2, CSS3, jQuery and HTML/HTML5 to enhance the user experience. I designed and developed their "NowProof" system to allow customers to view & proof their projects in 3D.

Education

FAA Intro to Aviation and Aeronautics

Federal Aviation Administration -
Pomona, NJ

July 2013 - September 2013

Photoshop CS3 Complete

Future Media Concepts - Philadelphia, PA

May 2008

Flex 2: Developing Rich Client Applications

Future Media Concepts - Philadelphia, PA

October 2007

C# .Net MCAD/MCSD

Nettrain Inc. - Mt. Laurel, NJ

September 2005 - February 2006

Macromedia Certification

Certification - Toms River, NJ

November 2002

Advanced Flash Scripting

Certification - San Francisco, CA

March 2000

Associate in Communications

Gloucester County College - Sewell, NJ

June 1987

Skills

- HTML (20 years)
- CSS (15+ years)
- Javascript (8 years)
- Actionscript (OOP) (6 years)
- MySQL (6 years)
- Git (4 years)
- Video Editing (6 years)
- Audio Editing (10+ years)
- PHP
- JQuery
- Tableau
- .NET (2 years)
- UI/UX
- SharePoint

Links

<https://github.com/theranch>

Military Service

Branch: Army Reserve Service

Country: United States Rank: PVT2

July 1984 to July 1990

Awards

Human Factors Top Dog

June 2014

Top Dog Award: Dan Johnson of the Human Factors Branch and Gerry Creighton from Hi-Tec Systems received the in-House Top Dog Award from the Human Factors Branch for developing and operating the conference website for the 6th International Conference on Research in Air Transportation (ICRAT). The conference, held the week of May 26, 2014 at the Istanbul Technical University in Istanbul, Turkey, is a joint venture between FAA, NASA, EuroControl, and other international aviation and air traffic management organizations. The website allowed organizers to manage the submission, review, and acceptance process for conference papers. The site also provided information, registration, and other functions for attendees, organizers, and guest speakers. Johnson and Creighton produced a high-quality, useful, and usable site under tight schedule and cost pressures. The site has received numerous compliments and has international visibility.

Certifications and Licenses

Security Clearance - public trust

July 2006 to Present

I hold a public trust security clearance.