

Jason Paul Roland Wilson, ^{LTJG}/NOAA (Sep.)

United Kingdom and United States Citizen, born December 29, 1983

Hold current European Union Passport.

Personal Goal

As a web generalist and operations admin I'm looking for opportunities to work with small to mid-sized teams where I can solve interesting problems and contribute to projects that create real value for their users. I'm passionate about design, development, and user experience and happily take-on new tech as I find uses. Opportunities where I can learn and grow, make use of my mentorship and speaking abilities, and contribute to the growth of others are a big plus.

Practical Experience

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|-------------------|---|
| Jan 17
Present | Business Analyst / Developer at Trader Interactive (f.k.a. Dominion Web Solutions); Norfolk, VA USA
<i>RV Web Services (Business to Business Web Provider for the Recreational Vehicles Industry)</i> <ul style="list-style-type: none">• Documenting and analyze RVWS' current web-based platform and develop requirements to ensure additional functions which will improve user experience.• Log and track JIRA tickets to report issues and feature requests for the platform.• Analyzing platform usage to develop road map and determine client eligibility to upgrade to the new platform as releases are completed.• Mentor and assist two frontend-developers as they work to convert 178 client web sites from table-based layouts to modern, responsive HTML5 and CSS3 layouts.• Acting Frontend Lead.• Organizing training sessions for JavaScript and advanced Frontend topics.• Project manager ensuring 178 customer sites are properly migrated from the legacy platform to the new Wordpress-based platform.• Develop Wordpress themes as needed; troubleshoot themes and custom PHP modules as needed.• Develop NodeJS webapps and CLI tools, Python CLI tools, and PHP scripts to aid in the selection and management of the migration of 178 client accounts to a new platform. |
| Sep 16
Present | Independent/Freelance <ul style="list-style-type: none">• Development work on a full stack MVP for a remote client. Designed front-end interface. Designed and built information models and API layout. Building API and Client.• Developing Amazon Alexa Skills using NodeJS and Serverless framework deployed to AWS Lambda.• Contributing to local and international open source projects on frontend updates, data gathering, and React. |
| Jun 16
Present | Master's Student at American University School of Public Affairs <ul style="list-style-type: none">• Attending regular online classes. Anticipated graduation Summer term 2018. |

- Sep 16 **Travel, Job Hunting, UX Training**
- Jan 17
- Honorable discharge from the NOAA Commissioned Corps.
 - Traveled to Switzerland with Family
 - Took online courses through Springboard and attended Adaptive Path's UX Intensive workshop to improve my knowledge of Experience design.
- Dec 14 **SARSAT Operations Officer at NOAA Commissioned Corps; Suitland, MD USA**
- Sep 16 *NOAA SARSAT Program (Satellite-based system for identifying and locating persons in distress)*
- Responsible for reporting on operation and rescue statistics for the system.
 - Represented the SARSAT program at public outreach events and in the media.
 - Provided training for rescue coordinators in the US Area of Responsibility.
 - Organized and conducted a 45-day field test of the tracking capabilities of the US MEOSAR ground stations and SARSAT constellation in the North Pacific aboard NOAA Ship Ronald H. Brown.
 - Wrote Python scripts to sub-sample test data and ships scientific computer data for position comparisons.
- Nov 11 **Small Boat Officer/Port Engineer at NOAA Commissioned Corps; Norfolk, VA USA**
- Dec 14 *Marine Operations – Engineering*
- Managed procurement of small boats for the NOAA research fleet from requirements through delivery.
 - Worked with diverse stakeholders to meet mission requirements, crew requirements, and to develop specifications in accordance with standards and safety regulations.
- Dec 09 **Junior Officer at NOAA Commissioned Corps; Ketchikan, AK USA**
- Nov 11 *NOAA Ship Fairweather (Ocean-going Hydrographic Survey Vessel operating in the North Pacific Ocean)*
- Led navigation teams of 3 to 5 people through ship navigation and survey operations in adherence with project instructions and under the direction of the Commanding Officer
 - Led small survey boat teams of 3 people in field collection of SONAR data for nautical charting.
 - Gathered and processed GIS information using a variety of hardware and software systems to prepare raw data for nautical charting.
 - Applied UX principals to the design of a new Emergency Response Manual which improved access to critical information for Response Coordinators in Emergencies.
 - Served as Damage Control Officer and Emergency Response Coordinator directing a 42-person crew through the phases of emergency response.
- Aug 09 **Officer in Training at NOAA Commissioned Corps; King's Point, NY USA**
- Dec 09 *Basic Officer Training Class 115 (A four-month program of maritime and leadership courses)*
- Dec 08 **Program Developer at L-3 Communications; Yorktown, VA USA**
- Jul 09 *US Coast Guard Training Center Yorktown, Performance Technology Center*
- Maintained ActionScript and PHP based code for human-factors based training tools built on the open source Moodle Lesson Management System
 - Maintained PHP and SQL-based web application and site for the annual Performance Technology Workshop using CakePHP Framework.
 - Setting up and configuring Apache and SQL servers to support web projects.

Jul 06 **Programmer at UNITECH; Yorktown, VA USA**

Dec 08 *US Coast Guard Training Center Yorktown, Performance Technology Center*

- Designed, developed, and maintained CakePHP and SQL site for the Performance Technology Workshop to enable attendee registration, submission of presentation proposals, and communication of workshop details.
- Contributed Apache Server modifications, shell scripts, Linux integration, and flash-based loading application for the development of an automatically-booting, USB-drive deployed Lesson Management System for Coast Guard field units to complete required online training in the absence of an internet connection. Earned the US Coast Guard's Neils P. Thomsen Innovation Award for the project.
- Maintained and modified ActionScript modules for interactive web-based training aids.

05 **Frontend Web Developer at Trader Electronic Media; Virginia Beach, VA USA**

06 *(Provider of web portals for automotive and real estate classified advertisements)*

- Maintained frontend code for various, large, B2C web portals built on PHP, ASP, and ColdFusion.
- Converted more than 50 template partials for Harmon Homes web portal from tabular HTML4.0 layouts to semantic, standards compliant XHTML and CSS layouts.
- Early work with AJAX techniques for suggested search within the company.
- Developed HTML and JavaScript exercise to vet candidates for Frontend positions at Trader.
- Experimented with Ruby on Rails for development of web apps.

05 **Frontend Developer Intern at NeboWeb; Atlanta, GA USA**

(Web Marketing Agency)

- Built XHTML and CSS templates for various client web sites.
- Worked remotely as a part of multiple project teams.

Education

Jun 16 **American University; Washington, DC USA**

Jun 18 Prospective Master's in Public Administration and Policy

Jun 04 **Macon State University; Macon, GA USA**

Jun 06 Bachelor's of Science Information Technology

Aug 02 **Middle Georgia College; Cochran, GA USA**

Jun 04 Coursework in Computer Science, Physics, Chemistry, and Electrical Engineering

Languages

(first language) English, *(early-intermediate)* German, Scottish Gaelic, *(beginner)* French

Technologies and Tools

(Advanced) HTML5, CSS3, JavaScript, ES6, SASS/LESS, Pug(Jade), PHP, ASP; *(Intermediate)* Git, NodeJS, Express, MongoDB, MySQL, PostgreSQL; Python; Alexa Skills Development; XML, XSL, XPATH *(Comfortable)* Serverless Framework, AWS Lambda, Angular, React, NodeJS Command Line, Bash, COBOL; *(Tools)* JIRA, Salesforce, Adobe Illustrator, Adobe Photoshop; *(Frameworks)* JQuery, Bootstrap

Training and Certification

- 2018 **Free Code Camp Frontend Development Certification**
(In progress. Evaluating for use as baseline training at Trader Interactive)
- 2018 **Docker Mastery; Udemy.com**
- 2016 **Adaptive Path User Experience Intensive Week; Washington, DC USA**
- 2016 **Springboard User Experience Design Course; Online**
(Incomplete due to lack of funding)

Volunteer and Non-Profit Positions

- Present **Active Member at NorfolkJS; Norfolk, VA USA**
(A local organization for Javascript Developers including Nodebots Development)
- Help manage booths at local events.
 - Help with prep work for NodeBots day.
 - Co-presented on COBOL for NorfolkJS Lightning Talks
- 2017 **Public Relations Officer at Coastal Virginia GAA; Norfolk, VA USA**
(A regional organization for Gaelic Athletics with teams playing Hurling and Camogie)
- 2013-16 **Public Relations Officer at Hampton Roads Hurling Club; Norfolk, VA USA**
(Local Hurling Club)
- Played on travel and intramural Hurling teams as a corner forward and goalkeeper for six years.
 - Designed uniforms for travel and intramural teams.
 - Designed promotional flyers, banners, and business forms.
- 2007-09 **US Coast Guard Auxiliary; Gloucester, VA USA**
(A volunteer organization to promote boating safety and aid in rescue on the water)
- Taught classroom courses on Boating Safety to groups up to 30 people.
 - Appointed to National Staff for communications. Designed and implemented National Coast Guard Auxiliary site. (Design now replaced by newer USCG standard template).
 - Served as boat crewmember on maritime domain awareness patrols.