Jason Wilson | 113 Cove Cres Yorktown, VA 23692 | +1 804 413-1796 | https://www.wilsons.io | jason@wilsons.io

# Jason Paul Roland Wilson, <sup>LTJG</sup>/<sub>NOAA</sub> (Sep.)

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

*Holds valid United Kingdom and United States Passports*

## Mission Statement

To contribute to the growth and experiences of individuals by applying my background to design and development tasks and to aiding the development of my colleagues to build online experiences and tools that provide users with enjoyable and helpful interactions whether online or in the wild.

## Education

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|---|---|
| Present | **American University; Washington, DC USA** |
| | Prospective Master's in Public Administration and Policy |
| 2004–06 | **Macon State University; Macon, GA USA** |
| | Bachelor's of Science Information Technology |
| 2002–04 | **Middle Georgia College; Cochran, GA USA** |
| | Coursework in Computer Science, Physics, Chemistry, and Electrical Engineering |

## Practical Experience

**Present — Experienced Business Analyst at Dominion Web Solutions; Norfolk, VA USA**

*RV Web Services (Business to Business Web Provider for the Recreational Vehicles Industry)*

- Responsible for documenting and analyzing RVWS' current web-based platform and developing requirements to ensure the replacement platform will improve user experience while maintaining functionality.
- 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 site builders as they work to convert 178 client web sites from table-based layouts to modern, responsive HTML5 and CSS3 layouts.
- Develop tools to aid in the selection and management of the migration of 178 client accounts to a new platform.

**2015–16 — SARSAT Operations Officer at NOAA Commissioned Corps; Suitland, MD USA**

*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

**2011–15 — Small Boat Officer/Port Engineer at NOAA Commissioned Corps; Norfolk, VA USA**

*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.

**2009-11** **Junior Officer at NOAA Commissioned Corps; Ketchikan, AK USA**

*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 tams of 3 people in field collection of SONAR 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.

**2009** **Officer in Training at NOAA Commissioned Corps; King's Point, NY USA**

*Basic Officer Training Class 115 (A four-month program of maritime and leadership courses)*

**2008-09** **Program Developer at L-3 Communications; Yorktown, VA USA**

*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

**2006-08** **Programmer at UNITECH; Yorktown, VA USA**

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

- Designed, developed, and maintained PHP 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, Linux integration, and loading application for the development of a 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.

**2005-06** **Frontend Web Developer at Trader Electronic Media; Virginia Beach, VA USA**

*(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 within the company.
- Developed HTML and JavaScript exercise to vet candidates for Frontend positions at Trader.

**2005** **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.

# Languages

*(mother tongue)* 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 *(Comfortable)* Angular, React, NodeJS Command Line, Bash, COBOL; *(Tools)* JIRA, Salesforce, Adobe Illustrator, Adobe Photoshop; *(Frameworks)* JQuery, Bootstrap

## Training and Certification

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

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.