

Alan Tweedie

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WEB DEVELOPER

Thirteen years of leading teams, managing complex programs, and optimizing resources in fast paced environments. Received numerous accolades for customer service, quick thinking, strong written and verbal communication skills.

Honorably Discharged Military veteran, six years of service as an Officer in the U.S. Navy.

Web Developer

DISH Network (Formerly EchoStar Technologies). Superior, CO

2015-Present

Develop for and maintain www.dishanywhere.com, a full stack Node.js application as part of an Agile team.

- Utilize Javascript (React.js, Coffeescript, Backbone, Handlebars.js and JQuery) for front end development across all current web browsers.
- Deployment and release coordinator, responsible for code deployments to test environments and production.
- Administer Jenkins for deployment and test suite maintenance.
- Use AWS Elastic Beanstalk to manage a large set of dynamically scaled applications.
- Develop and maintain a Selenium Web Driver test suite for test automation.
- Work closely with UI/UX designers to implement responsive web concepts with CSS3 and Bootstrap.

Specialized Training:

Galvanize Full Stack Web Development Course

Galvanize, Boulder, CO

April-September 2015

Full stack web development course providing training in:

- JavaScript environments and frameworks (Express.js, Node.js, Angular.js)
- Ruby on Rails
- HTML 5, CSS 3
- Application security
- Test automation
- UNIX
- Database tools and data management (SQL, PostgreSQL, MongoDB)
- Git and Github source code controls
- API Development
- Cloud and distributed systems (Heroku, AWS, Divshot)

Test Automation and Quality Assurance Engineer

DigitalGlobe, Inc. Longmont, CO

2013-2015

Test and validate satellite imagery and associated metadata. Perform quality assurance tasks and system related functionality testing. Member of an Agile Scrum team.

- Support the planning, development, and implementation of procedures for the testing and evaluation of DigitalGlobe software products and business processes.
- Daily use of test tracking tools Jira and Rally.
- Active participant in Scrum ceremonies including sprint planning, daily Scrum meetings, demos and retrospectives.
- Regularly employ XML testing tools soapUI and XML Spy.

Satellite Operations Training Specialist

2013

Space Based Infrared Systems (SBIRS)
Boulder, CO

Plan and manage training plans for development of a newly operational government satellite system. Operate in a diverse environment of engineers, orbital analysts and space system operators.

- Integrated efforts of operations, engineering and development personnel to establish training objectives and establish operational procedures.
- Ensured operations and test plans are integrated into daily schedules based on current intelligence and imagery.
- Used imagery tools to ensure sensor targeting to maximize satellite intelligence collections.
- Coordinated ground systems operations to ensure communication availability based on space and atmospheric weather conditions.

Analyst and Program Manager

2010 to 2012

Chief of Naval Operations (OPNAV) Director of Surface Warfare (N86);
The Pentagon, Arlington, VA

Manage program elements of the US Navy's new Littoral Combat Ship (LCS). Develop plans for the global utilization of this new and complex naval capability. Participated in a high level project to determine the balance of the US Navy top level budget which totals over \$134 billion per year.

- Conduct studies to determine the optimal geographic distribution of fleet elements, including imagery and terrain analysis of coastal areas and port facilities.
- Assisted in the response to numerous congressional inquiries and the selection of two ship types leading to government savings and increased future capability.

Command Center Operations and Intelligence Manager

2008 to 2010

North American Aerospace Defense Command (NORAD), US Northern Command (NORTHCOM);
Colorado Springs, CO

Coordinate, plan, and execute missions for the NORAD/NORTHCOM command center. Manage \$1M in government contracts.

- Manage collections and analysis of sensitive imagery, signals intelligence, imagery intelligence and geospatial intelligence information.
- Interpret a variety of GIS and imagery data to provide analysis to senior leadership.
- Provide expert imagery intelligence analysis to support numerous military, intelligence and disaster events.

EDUCATION AND TRAINING

Agile Scrum team certification

2014

Graduate Certificate in Homeland Security and Homeland Defense

University of Colorado; Colorado Springs, CO; 2009.

Bachelor of Science in Advertising

College of Journalism and Communications, University of Florida; Gainesville, FL; 2004.