



Shawn Rowley

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Work experience

10/2016 – present
Gaithersburg, MD, USA

Software Engineer Staff/Software Engineer IV Leidos Corporation Inc.

- Lead Engineer of a small development team responsible for the new design, implementation and integration of various software products.
- Implemented secured software solutions for processing large amounts of imagery data and communicating with external interfaces.
- Design and creation of human interface and workflow for long term OAuth data processing.
- **Technologies:** Java, VueJS, RESTful APIs, Oracle, C++, Elasticsearch

10/2015 – 10/2016
Herndon, VA, USA

Software Engineer Staff Lockheed Martin

- Designed the configurable web service architecture used to execute image analysis and other processing on the backend server-side.
- Implemented data structures, web services and human interface for file upload/downloads, image process execution, and reporting of metrics.
- Received a **SRA** (Service Recognition Award) for the completion of web platform image analysis software integration.
- **Technologies:** Java, ExtJS, HTML5, RESTful APIs, C++.

01/2011 – 10/2015
Merrifield, VA, USA

Associate Principal Software Engineer Logos Technologies Inc.

- Lead Software Engineer responsible for the design and development of the new image capture software of a persistent surveillance system.
- Designed and created an embedded control software module that allowed the various processes to be launched and controlled within a geospatial program.
- Implemented a geolocation component which enabled the slewing of external sensors to specified coordinates.
- **Technologies:** Java, C++, C#, ArcGIS, MATLAB

05/2005 – 12/2010
Washington, DC, USA

Software Architect, Senior Software Engineer Fund for Peace

- Architected and engineered software assessment tools used for collecting and compiling large sets of data from various data sources.
- Implemented social analysis algorithms applied to data collected to produce reports for various high-profile clients and for an annual assessment of Failed States featured in **Foreign Policy** magazine.
- Created multiple web applications used to collect and display users' analytical inputs.
- **Technologies:** Java, JavaScript, JQuery, MySQL, C#, HTML, SOAP.

05/2001 – 05/2005
Washington, DC, USA

Lead Software Engineer/Sr. Software Engineer Lockheed Martin/ACS Government Services

- Project(s) Lead Engineer responsible for the conversions of existing software platform to IFECS (Integrated Federal Employee Compensation System) a multi-tier system integrating diverse technologies
- Designed and developed the e Rehabilitation Tracking System (NRTS) application and data conversion program, and awarded the **ACS Technical Excellence Award** for the implementation.
- Responsible for the design, architecture and implementation of other major



Certificates

01/2022



AWS Certified Developer - Associate

<https://www.credly.com/badges/2e7d7031-815c-4a71-9e91-0834a77285e9>

02/2022



AWS Certified Solution Architect - Associate

<https://www.credly.com/badges/f8d56887-1df1-41d9-90f6-03b440870e2e>



Awards



ACS Technical Excellence Award ACS



Lockheed Martin Service Recognition Award Lockheed Martin



Clearance

TS/SCI w/ CI Polygraph