

# Shawn Rowley

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**Web:** https://shawnrowleyio.herokuapp.com/ **Github:** https://github.com/shawnrowley



#### 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 engineeered 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



programming aspects and existing software applications of the legacy

• Technologies: Java, Delphi, XML, SQL, DB2

03/1997 – 05/2001 Silver Spring, MD, USA

## Software Engineer/Consultant ADP Benefit Services/Maxim Group

- Software Engineer responsible for future design, implementation and deployment of the benefit outsourcing system to other ADP locations.
- Established business architecture to be used in all interfaces (desktop, IVR, and Web) to the benefit outsourcing system.
- Designed and implemented export manager program which allowed end-users to configure and schedule data exports to other application for reporting.
- Creation a dynamically generated human interface used for tracking and maintaining various Fortune 500 companies employee benefits
- Technologies: C++, Delphi, PHP, ASP

### **Education**

09/1990 – 05/1995 Towson, United States

#### Computer Science | Bachelor of Science Towson University

Earned a Bachelor's Degree in Computer Science





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**
- Lockheed Martin Service Recognition Award **Lockheed Martin**

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TS/SCI w/ CI Polygraph