

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 6-8 member team responsible for new design, development and integration of various software products.
- ScrumMaster responsible for ensuring proper practice of agile methodologies.
- Implemented secured software solutions for processing large amounts of data and communicating with external interfaces.
- Technologies: Java, VueJS, RESTful APIs, Oracle, C++, ElasticSearch

10/2015 – 10/2016 Herndon, VA, USA

Software Engineer Staff Lockheed Martin

- Designed a configurable web services architecture for executing image analysis and other processes on the 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 – 10/2016 Merrifield, VA, USA

Principal Software Engineer Logos Technologies Inc.

- Lead Software Engineer responsible for the successful development and deployment of the new image capture software system for the second generation of Kestrel, a persistent surveillance system.
- Designed and developed the Video Viewer Controller software module that allowed the various Kestrel software processes to be controlled by a component embedded within the geospatial program.
- Developed Geolocation component enable slewing of external sensors to specified coordinates.
- Implemented programs to perform imagery analysis for algorithm development.
- Technologies: Java, C++, Python, C#, MATLAB

05/2005 – 12/2010 Washington, DC, USA

Software Architect, Senior Software Engineer Fund for Peace

- Architected and developed in-house software assessment tools used for collecting and compiling large sets of data from various data sources.
- Created multiple web application used to collect users' analytical inputs.
- 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
- Technologies: Java, JavaScript, JQuery, MySQL, C#, HTML, SOAP.

11/2003 – 05/2005 Washington, DC, USA

Lead Software Engineer Lockheed Martin Information Technology

- 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
- Responsible for the design, architecture and implementation of other major programming aspects and existing software applications of the legacy



compensation system into IFECS.

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

05/2001 – 11/2003 Washington, DC, USA

Sr. Software Engineer ACS Government Services

- Software Engineer responsible for the development of the Nurse Rehabilitation Tracking System (NRTS) and other products, re-engineered to a OOD.
- Designed and developed the NRTS data conversion program, awarded the ACS
 Technical Excellence Award for the implementation.
- Promoted to role of Lead Developer responsible for maintenance and the implementation of enhancements.

Technologies: Java, Delphi, SQL

11/1997 – 05/2001 Silver Spring, MD, USA

Software Engineer ADP Benefit Services

- Lead 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.
- Worked with web development team on client interface to the benefit outsourcing system.

Technologies: C++, Delphi, PHP, ASP

03/1997 – 11/1997 Columbia, MD, USA

Software Consultant/Developer Maxim Group Consulting

- Designed and developed the dynamically generated human interface used for tracking and maintaining various Fortune 500 companies employee benefits.
- Consulted with end-users and client management teams to develop design specifications for the human interface.
- Sofware implementation was utilized in other aspects of business for reporting. **Technologies: C++, Delphi**

11/1996 – 03/1997 Hunt Valley, MD

Software Developer Advanced Paradigm

- Development team member in web development project allowing access of inhouse databases from the internet.
- Developed programs and scripts to help automate office applications processes and data loading

Technologies: Visual Basic, ASP, Sybase

08/1995 – 11/1996 Baltimore, MD, USA

Software Developer, Technician Alpha Group (Invoke Systems)

- Project: Contact-Open: Core team member in developing Contact-Open, a client-server contact management program integrated with DOCS Open document management program
- Designed and developed System Administration Tool, a separate application provided with Contact-Open for maintaining users, groups, categories, and configuration of database(s).
- Technologies: Delphi, C++, SQL Server

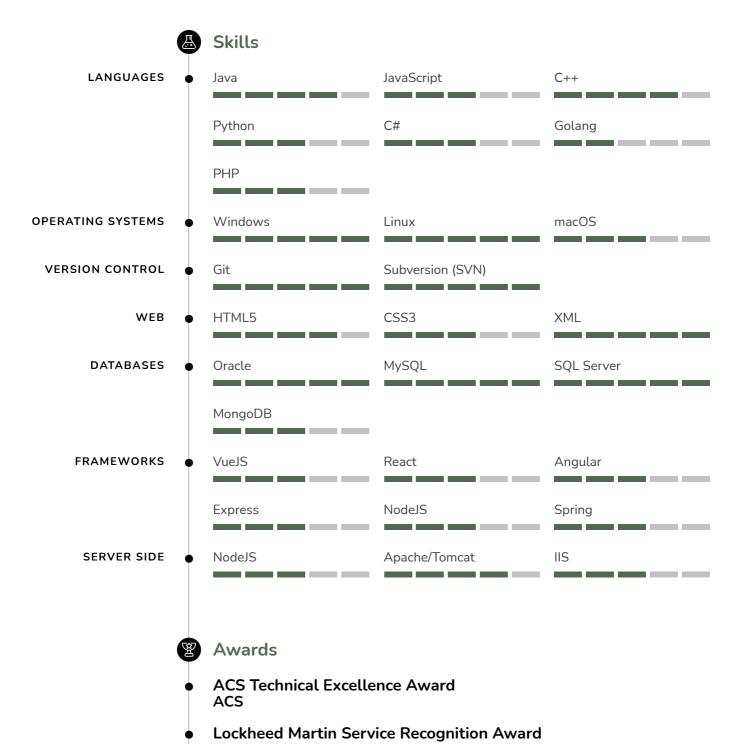
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Education

09/1990 – 05/1995 Towson, United States

Computer Science | Bachelor of Science Towson University

Earned a Bachelor's Degree in Computer Science



Lockheed Martin