

NATHAN MARSHALL

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EDUCATION:

Bachelor of Science in Computer Science

December 2017

The University of Southern Mississippi, Hattiesburg, MS

GPA: 3.43/4.00

EMPLOYMENT:

Naval Research Laboratory, Stennis Space Center

Internship Experience:

November 2016-December 2017

- Coding the back end of web services using Jetty and Tomcat web servers.
- General problem solving in Java and C++.
- Running performance analyses of geospatial algorithms.
- Using Java to create feature map graphics and sort geospatial data.

Software Developer Experience:

December 2017-Present

- Java backend development for multiple web services. Designed server side functionality and data analysis.
- C++ thick client development. Designed client side functionality and data analysis for a post mission analysis system.
- Python scripting. Wrote and modified test scripts used for quality assurance. Used python scripts to interact with web services; simulated all client requests and responses.
- Used Qt C++ framework to modify client side UI. Improved UI components (maps, tables, charts) to better convey data.
- Restful web services development. Designed endpoints for server side requests and responses (GET, POST, PUT, etc).
- Used Agile Software Methodology to collaborate with developers over large scale projects.

SKILLS:

Languages:

- C++, Java, JavaScript, Python, SQL, Visual Basic, HTML/CSS, Fortran, XML, Curl

Frameworks:

- Qt, React, Ember.js, Node.js, Ant, Apache Velocity, jQuery, Jersey, Jackson