

## Technical Skills

### Languages

C++  
Java  
80x86 Assembly  
Visual Basic

### Skills

Software Engineering  
GIT  
Code Documentation  
Data Acquisition  
Data Analysis

### Basic Knowledge

HTML / CSS / JavaScript  
Web Development  
mySQL

### Misc

Remote Sensing  
ArcGIS  
MS Windows  
MS Word  
MS Excel

## Contact

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## Courtney E. G. Kirkham

### Relevant Experience

#### Naval Research Lab Oct 2016 – Present

- 1005 Balch Blvd, Stennis Space Center, MS 39529
- Developed Desktop Applications for Data Processing in Java

#### NASA DEVELOP (Wise County) Jan - Apr 2016

- 251 N. Bayou St., Mobile, AL 36603
- Monitoring Marsh Conditions in Coastal Alabama Using NASA Earth Observations to Support the Alabama Coastal Foundation's Restoration and Conservation Initiatives
- ArcMap 10.3
- Data Acquisition
- Data Analysis
- Remote Sensing

#### Self-Initiated Learning 2014 - Present

- Data Structures
- Algorithms
- GIT
- Free Code Camp – Currently working on web developer certification

### Presentations

- Monitoring Marsh Conditions in Coastal Alabama Using NASA Earth Observations to Support the Alabama Coastal Foundation's Restoration and Conservation Initiatives (2016)
- International Issues in the International Space Station (2015)
- Level Up: How Video Games Affect the Health and Quality of Life of Disabled Persons (2014)
- Beach Combing Guides, MS Academy of Sciences (2013)

### Organizations and Events

- RSI Hackathon – 2016 and 2017 (2<sup>nd</sup> Place in 2016)
- Computer Science Society (2016 – 2017) Founding Vice President (2016)
- Phi Theta Kappa, Omnicron Alpha Chapter (2012 -2015), Historian (2013)
- Gaston Point Elementary Volunteer Teaching Aide (2012)

### Honors and Awards

- RSI 2016 Hackathon – 2<sup>nd</sup> Place (2016)
- Award for Excellence in Honors, MGCCC (2013, 2015)
- Award for Excellence in Computer Science, MGCCC (2014)

### Professional Summary

- I am a curious, enthusiastic individual who enjoys seeking out challenges and finding creative solutions.
- I remain positive and productive in stressful situations. Whether working with a team or on my own, I channel high-pressure energy to focus on project completion.

### Education

2015 - Present B.S. Applied Computer Science, University of Southern Mississippi  
Minor: Mathematics  
Expected Graduation December 2017  
2012 - 2015 A.A.S. Computer Science, MGCCC Honor's College