

## 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  
Agile Development  
Waterfall Development  
Operating Systems

### Interpersonal Skills

Identify Customer Needs  
Communication  
Conflict Resolution  
Team Leadership  
Interdepartmental Work

### Misc

Remote Sensing  
ArcGIS  
MS Windows  
MS Word  
MS Excel

## Contact

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## Courtney E. G. Kirkham

### Internship Experience

**Naval Research Lab** Stennis Space Center, MS Oct 2016 – May 2017

- Develop Desktop Applications for Processing Geospatial Data in Java

**NASA DEVELOP (Wise County)** Mobile, AL Jan - Apr 2016

- Provide support and direct action on team comprised of a graduate student, an upper level student, and myself
- Support team when working collaboratively with the Alabama Coastal Foundation
- Collect and Organize Data for Analysis
- Remote Sensing
- ArcMap10.3
- Monitoring Marsh Conditions in Coastal Alabama Using NASA Earth Observations to Support the Alabama Coastal Foundation's Restoration and Conservation Initiatives

### Self-Initiated Learning

2014 - Present

- Continuously Pursing Additional Learning Opportunities Including: Data Structures, Algorithms, GIT, Standard Programming Practices
- Free Code Camp – Currently working on web developer certification

### Professional Summary

- Curious, enthusiastic individual who passionately seeks out new challenges and creative solutions
- Remain positive and productive in stressful situations, channeling high-pressure energy to focus on project completion
- More than 5 years working in customer service and team-based environments

### Presentations

**Alabama Coastal Foundation** Mobile, AL

- Monitoring Marsh Conditions in Coastal Alabama Using NASA Earth Observations to Support the Alabama Coastal Foundation's Restoration and Conservation Initiatives 2016

**Mississippi Gulf Coast Community College** Gulfport, MS

- International Issues in the International Space Station 2015
- Level Up: How Video Games Affect the Health and Quality of Life of Disabled Persons 2014

**Mississippi Academy of Sciences** Hattiesburg, MS

- Beach Combing Guides, MS Academy of Sciences 2013

### Community Involvement

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

### Education

- University of Southern Mississippi 2015 – 2017  
Bachelor's of Science in Computer Science (Applied), GPA: 3.75, Honors  
Minor in Mathematics  
Study Abroad – Business and Culture in Japan and South Korea  
Enhanced Customer Service Training Certification
- Mississippi Gulf Coast Community College 2012 – 2015  
Associate's of Arts in Computer Science, GPA 3.86  
Student in Honor's College  
Award for Excellence in Honors 2013, 2015  
Award for Excellence in Computer Science 2014