

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 – 2nd 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
- 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