

# Thomas Rea

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## Education:

Clemson University  
Bachelor of Science in Computer Science  
Clemson, South Carolina  
GPA: 3.4/4.0

May 2017

## Awards and Certifications:

- ITIL Foundations Certification
- Clemson President's List
- Clemson Dean's List

July 2016  
Fall 2015  
Spring 2015

## Skills:

Operating Systems: Windows, Unix based systems, Android OS

Software: Eclipse, Microsoft Office Suite, vim

Programming Languages: C, C++, Java, Python, Bash scripting, Oracle SQL

Utilities: Git, GNU Makefile

## Leadership:

Clemson Cyber Security Club Officer

- Compete against schools across the nation to gain a better understanding of how to properly keep business oriented processes protected from malicious entities
- Maintain the club's website and keep it up to date with current club meeting topics and events

Fall 2015 –  
Present

Computer Science Lab TA for Clemson University

- Utilized skills in C, C++ and Java to help students foster a deeper understanding of complicated computer science topics
- Performed general administrative tasks such as grading and ensuring project deadlines were met

Fall 2015 –  
Spring 2016

## Internship and Work Experience:

Clemson Web Development and Data Analytics Intern

- Configure, deploy, and maintain the NextGen learning platform at Clemson University, built on the OpenEdx framework
- Gather, interpret, and analyze user data to gain an understanding of how students learn and how they utilize the NextGen learning platform

August 2016 –  
Present

Boeing IT Intern

- Worked alongside the Network Tools team to automate many network processes
- Developed and maintained new tools and features for customers throughout The Boeing Company in relation to the databases and services that the team was responsible for maintaining

May 2016 –  
August 2016

Unlimited Wireless

- Responsibilities included setting up new services, making and tracking payments, and handling customer concerns
- Made sure day-to-day business operations were handled adequately and that the store was properly cared for during business hours

August 2015 –  
March 2016

## Project Experience:

- Designed and built an LED audio visualizer with several classmates
- Wrote C libraries implementing many different data structures (queue, stack, doubly-linked list)
- Implemented a fully-functional version of minesweeper in C++
- Created a chat room application in Java

2013 –  
Present