

# Thomas J. "TJ" Wills

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## EDUCATION

**Clemson University** – Calhoun Honors College  
Major: Bachelor of Science in Computer Science  
Minor: Mathematical Sciences

3.96 GPA  
First Semester Senior  
Graduation: December 2017

As part of my Computer Science classes, I have completed the following major projects:

### Universal Media Server Client

Spring 2016

- Media client written in Java which downloads and plays music files from a local Universal Media Server
- Git-managed team assignment, follows Model-View-Controller programming style

### SimpleMail

Winter 2014

- Fully-functional webmail client written in Java

### Nexus Invaders and Valkyrie: Rebirth

Winter 2014 – Summer 2016

- Arcade shooter games I developed for Android written in the Cocos2d-x API for C++

## EMPLOYMENT HISTORY

### Ittron – Oconee Site – Document Control

Co-op Summer 2015-Fall 2015, Summer 2016

- Three semesters of IT resource for Document Control department
- Learned and utilized Oracle Configurator to develop a new customer order form system
  - The purpose of this project is to streamline the documentation system for customer orders
- Developed a dashboard containing metrics to track Document Control performance
  - Extracts real-time information from Oracle SQL tables to allow a user-defined view of the data
  - Written in Microsoft SQL Server Report Builder
- Created CustPart Validation Crawler
  - Written in C# with interactive GUI
  - Reads meter part information from a SQL table, then processes each part through a validation web service
  - Exports any validation issues to an organized Excel spreadsheet which is searchable

### Eastside YMCA

Greenville, SC

- Lifeguard Summer 2011 – Summer 2014
  - Worked to ensure the safety of all patrons. Also performed maintenance and cleaning duties as needed
- Swimming Instructor Summer 2012 - Summer 2013
  - Taught water safety and swimming technique, working with children ages 3 to 14

## HONORS & AWARDS

President's List Fall 2013, Spring 2014, Spring 2015, Spring 2016, Fall 2016  
Dean's List Fall 2014  
South Carolina Palmetto Fellows Scholarship Fall 2013 - Present  
Eagle Scout Summer 2009

## CODING EXPERIENCE

C; C++; and C#  
Java  
MySQL and Oracle SQL  
Cocos2d-x API in C++ for mobile application development