

# Terrence Butler

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## EDUCATION

**The University of Georgia**, Athens, GA

*Bachelor of Science in Computer Science*, Anticipated August 2017

**South Cobb High School**, Austell, GA

Academy of Research and Medical Sciences, May 2013

### Related Coursework:

- Systems Programming
- Software Engineering
- Computer Architecture
- Database Management
- Computer Networks
- Data Structures

## SKILLS

- Programming Languages: Java, JavaScript, MySQL, HTML/CSS
- Technologies: GitHub, Bootstrap, Emacs/Vi, Restful Services

## COURSE PROJECTS

*Global Information Systems*, Spring 2017

Crowdsource Online Weather Application

- The system combined local weather data with crowdsourcing to obtain reliable real time weather information for local areas
- User location is found with a cURL request to ipinfo.io's API. This data is passed into Openweather's API for weather data
- On the front end, client are presented with options to confirm or deny observed weather at specific locations
- The system was implemented using vue.js, Bootstrap, AJAX, PHP and MySQL

*Software Engineering*, Spring 2017

Sports Tournament Playoff Enterprise System

- Lead team of 4 in implementing a free-standing sport tournament application which managed brackets for each sport
- The system was structured using the Model-View-Controller (MVC) design pattern
- The system's Application and Business logic layers were implemented using JAVA and utilized a MySQL database

*Systems Programming*, Fall 2015

BASH Shell Implementation

- Implemented a C++ written and scaled down version of the UNIX BASH Shell
- System included implementations of CHMOD, MAN, JOBS and Child Process Forking

## RELEVANT EXPERIENCE

*Desktop Technician Intern*, **Global Payments**, Atlanta, GA, May 2016 - August 2016

- Maintained Active Directory and AirWatch Consoles for all eligible employees
- Facilitated MBT and SCCM imaging processes for all new incoming computers
- Updated existing IT Technology Auditing and Asset Management inventory
- Worked to upgrade company laptop encryption programs for over 100 computers

*Digital Lab Assistant*, **University of Georgia College of Journalism**, Athens, GA, August 2015 - May 2017

- Monitored lab technology usage for Open Lab and aided students in troubleshooting lab equipment
- Supply Management and Distribution for Grady College employees
- Assisted Dean's Office staff with errands and phone monitoring

*IT Support Staff*, **University of Georgia College of Pharmacy**, Athens, GA, August 2013 - May 2014

- Maintained database for all available pharmacy student resources
- Maintained Resource Center technology that was available to over 500 students
- Facilitated student help desk for mobile device and resource center technology issues

## ACTIVITIES

- Student Programming Board (UNION)
- Louis Stokes Alliance for Minority Participation (LSAMP)
- Minorities in Technology (MIT)
- Association for Computing Machinery (ACM)