

# Mohammed Abrar Basha

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[mabasharesume.herokuapp.com](http://mabasharesume.herokuapp.com)  
[github.com/mbasha/SampleCode](https://github.com/mbasha/SampleCode)

## Objective

- To work as a Software Engineer and further my knowledge of programming in a professional environment.

## Education

### CLEMSON UNIVERSITY 2016 | SOUTH CAROLINA | COMPUTER SCIENCE

- Related coursework:
  - Programming Methodology (C & C++)
  - Algorithms and Data Structures
  - Calculus, Linear Algebra, Statistics
  - Software Dev Foundations (Java)
  - Introduction to Computer Organization (Assembly)
  - Professional Issues (CPSC Ethics)
  - Computer Systems and Organization
  - Software Engineering (Business Setting Approach to Creating Software)
  - Networking and Distributed Systems
  - High Performance Computing
  - Android Dev
  - Database Management (SQL, PHP)
  - 2D Game Design

## Skills & Abilities

- Preferred Languages: Java, C++, C, & SQL
- Completed a comparative study on the level of efficiency between F# and C++ in a graphical environment (OpenGL implementation of F# and C++. dll's managed in Visual Studio 2010)
- Android app development
- Heavy use of Windows software. Code primarily in Ubuntu, and OSX

## Experience

- Summer intern at BenefitFocus (2014 & 2015).
  - Worked as a software engineer. Skills worked on the job include:
    - Web services, Java coding, working on code error tickets
  - Environments worked in and tools used:
    - Java with IntelliJ, SQL with Oracle SQL Developer
- Winter intern at Nucor Steel (2015).
  - Worked as an automation engineer. Skills worked on the job include:
    - SQL scripts written in Excel
- DJ at Clemson's college radio station (2015-2016)
- Over 120 hours of community service in the following places:
  - Central Mosque of Charleston (Organizing & coordinating gatherings)
  - Teaching assistants at Anjuman-E-Himayath located in Chennai, India, a boarding school for orphans (helped the younger students with basic English)