

Education

University of Georgia, Athens, GA
Bachelor of Science in Computer Science
Concentration: Applied Data Science

December 2018

- **Institution GPA:** 3.66
- **Relevant Coursework:** Data Science I; Data Science II; Intro Statistics; Systems Programming; Database Management; Software Development; Scientific Computing; Data Structures;
- **Honors:** Dean's List (2 semesters), HOPE Scholarship Recipient

Kennesaw State University, Kennesaw, GA
Core Curriculum

Fall 2013 - Spring 2016

- **Relevant Coursework:** Linear Algebra; Programming Principles; Operating Systems; Database Systems; Computer Architecture; Calculus II
- **Honors:** President's List (2 semesters), Dean's List

Technical Experience

Research Experience:

- **Quinn Research Group**, University of Georgia, Athens, GA
 - Predictive modeling using time series data on cryptocurrency prices.
 - Data collection, preprocessing, and applying machine learning algorithms.

Fall 2017

Projects:

- **Fantasy League Scraper**
◦ Scripted an advanced web scraper in python for pro-football-reference.com and nfl.com.
◦ Retrieves and processes all player game log, combine, and injury data for every player.
◦ Data used in a machine learning pipeline for predicting fantasy football picks. Our resulting RMSE beat the predictions of fantasypros.com.
Summer 2017
- **Bitcoin Volatility**
◦ Interpolate bitcoin price and volatility using a combination of economic variables and feature engineering.
◦ Achieved a 5-fold cross validation score of 0.95 using KNN regression.
Spring 2017
- **Graphical GPA**
◦ iOS Application programmed in Swift 1/2 and Objective-C that uses a UITableViewController to display user's computed semester and overall GPA.
◦ Then Implements iOS Charts (Github) to display this data in a scatter plot.
Spring 2015
- **Simple B.O.B.**
◦ iOS Application programmed in Swift 2 that tracks Kennesaw State's Big Owl Bus locations and returns arrival times based on user's current location.
Spring 2015

Skills

- **Languages:** Python; C++; C; UNIX Shell; MATLAB; Java; Objective-C; Swift; SQL
- **Technologies:** Scikit Learn; Pandas; Numpy; Visual Studio; Microsoft SQL Server; Eclipse; XCode

Leadership Experience

- **Social Chair**, University of Georgia Rugby Club, Athens, GA
 - Coordinate and oversee all social gatherings for the team.
 - Instrumental in team motivation, organization, and success.

Spring 2017 - Present