Blake Galbavy

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PERSONAL SUMMARY

Junior Software Engineer with 4+ years of experience in project work and internship opportunities. Skilled in cloud computing, data science, problem solving and programming. Determined to challenge and apply my knowledge of software capabilities.

EDUCATION

GPA: 3.5 **Bachelor of Science, Computer Science**, May of 2019
University of Colorado Boulder, Boulder, CO

SKILLS

Python (numpy, pandas, sk-learn)	Web Development (HTML,CSS, JS)	AWS (EC2, S3)
Java (OOP, design patterns)	Databases (MySQL, MongoDB)	REST API
C/C++ (Memory Management)	MapReduce (Hadoop, Spark)	Linux/Windows/Mac

WORK EXPERIENCE

Full Stack Software Development Intern, FoodLoc, San Fransisco, CA Date: 11/2018-Current

- Constructed pipelines from Bitbucket to an AWS S3 bucket to host thefoodloc.com website through continuous integration.
- Implemented push notifications in React Native on the FoodLoc application.

Mobile Software Engineer Internship, Webroot, Broomfield, CO Date: 05/2017-08/2017

- Collaborated with marketing, UI designers, and other developers to develop applications for the Webroot Security Mobile App
- Handled User Stories in an agile environment that involved debugging the Webroot App.

Data Structures Tutor, Boulder, CO Date: 01/2017-05/2017

- Taught students how to understand and implement data structures.

PROJECT EXPERIENCE

Kaggle Competition, Election Tweet Authorship Date: 04/2018-05/2018

- Implemented Feature Engineering to predict with 91.6% accuracy whether a tweet came from the Twitter account of @realDonaldTrump or @Hillary Clinton.
- Involved Cross Validation to measure model accuracy.

AWS/Spark Cluster Computing Project Date: 09/2018-10/2018

- Applied AWS/Spark on a yelp dataset of 6 million user reviews and 189 thousand businesses.
- Predicted positivity and negativity of words based off reviews, ranked states based off average yelp review and found correlation between store hours and store reviews

SendGrid Senior Capstone Project Date: 08/2018-05/2019

- Determining the most optimal time to send emails to users on SendGrid's platform using Machine Learning.
- Computed a Support Vector Model to predict email delivery time for SendGrid's users.
- Built a RESTful API, allowing companies to make a prediction in real time.
- Backlog on Jira, Github Repo, Buildkite/Jenkins for continuous integration.

RELATED COURSES

Object Oriented Design	Cyber Security	Database Systems
Algorithms	Operating Systems	Data Science