Alec James
Data Scientist and Software Engineer

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EDUCATION

Clark University Graduate School of Management, Worcester MA | *GPA 3.85*　　　**Sept 2017 – Dec 2018**
Master of Business Administration, *Business Analytics and Information Management*

Clark University, Worcester, MA | *GPA 3.51*　　　**Sept 2013 – May 2017**
Bachelor of Arts, *Business Management | Minor Computer Science*

SKILLS AND PROJECTS

Computer Languages:
Java
Python
Typescript
JavaScript
SQL
R
Business Software:
Tableau
Excel
KNime
Think or Swim
IDEs / Editors:
VS Code
Atom
Databases:
Firebase
PostgreSQL
Mentionable:
Git VC
Photoshop
Linux

DATA SCIENCE

Fantasy Football Predictive Model
With a classmate, created predictive model for fantasy points. #webscraping #neuralnetworks #datacleaning

Hadoop, HDFS, Map Reduce
Exposure to Hadoop and components for a course. #twitterstreams #mapreduce. #visualization #clickstream

Statistical Model on Poverty
Group project on factors that affect poverty rate in cities throughout new England. #regressionanalysis #R #Anova

SQL and Databases
Microsoft Access project on Worcester restaurants. #normalization
Exposure to MyPHPAdmin with MySQL. #relationaldatabase

COMPUTER SCIENCE

Algorithms and Data Structures
Understanding of advanced algorithms and data structures through coursework and coding interview practice.

Runemate Looter Bot Script
Created script with Runemate Java API to search, find, pickup and bank items. Relevant to IoT. #botscript

Chatbot with Google's DialogFlow
Ongoing project with student in the Netherlands for their master's thesis. Collaboration using VS Live Share and Skype. #Typescript #Firebase

Texas Hold'em Model
Java Texas Hold'em game state model. Used for predicting odds. #poker #probability

WORK EXPERIENCE

Web Editor, *Clark University Marketing,* **Feb 2017 – May 2018**
Built out the University's website on Drupal and WordPress.

LEEP Fellow, *University of Sussex,* **Summer 2016**
Awarded grant. Created website and YouTube channel to help future students abroad acclimate to the University and British life.

Telemarketing, *American Foods,* **Summer 2015**
Outbound calling to homeowners across New England area for sale in meat products.

INTERESTS

Competitions
Learning New Technologies
Building Community
Volunteering
Fantasy Sports
Board Sports
Chess
Video and Music Editing
Trading