**Caitlyn Carver**

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**Experience**

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**Data Science Intern** @ ManTech International

Jun 2019 – Present; Reston VA

* Created a Data Analytics platform that was wide used by the company, Software Architecture
* Project: ISIS and AI-Qaeda Emotion Analysis, using clustering and lexicon database, analysis behavioral patterns between entities, using technology, python (pandas), NLTK, Numpy, Scipy, and lexicon NRC API

**Software Engineering Intern** @ Samraksh Company

Jun 2015 - Aug 20; Leesburg VA

* Worked on an alarm system for sensing deer that used displacement sensing
* Programmed (C#) and worked with electrical circuits, electrical systems, radar displacement, and hardware to software debugging

**Projects**

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**My Website** – Caitlyncarver.github.io

May 2019

* Programmed in CSS, HTML, Javascript, different API’s
* Holds most projects through internships
* Multi layered website, in progress and add more features in the future

**Data Analytics Summer Project**– AI-Qaeda vs ISIS clustering

Aug 2019

* Programmed with python, pandas, Html, CSS, D3
* Packages included NLTK, SQLite3, scipy, sklearn, matplotlib, BeautifulSoup, lexicon
* Methods: algorithms, modeling, Vector Space Model, Web scraping, Regex, Tokenization, DataFrame manipulation, Hierarchical Clustering, Dendrograms, Visualization.

**Where Am I From**– Game

Aug 2019

* 1-day game hackathon project, was created to influence racial awareness
* Worked in Phaser, Javascript, HTML

**Education**

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**George Mason University**

Aug 2016 – Expected 2021

B.S. in Computational and Data Science

Minor: Computer Science

**Relevant Coursework**

Statistics for Engineers I & II

Data Structures & Algorithms

Modeling and Simulation

Data Visualization

Linear Algebra

Data Mining

Databases

**Skills**

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**Languages**

HTML, CSS, JavaScript, ReactJS, Python, C, Java, R

**Tools & Frameworks** React.js and AWS lambda

**Data Science Tools**

Scipy, Pandas, Numpy, NLTK, Sklearn cluster, Matplot, Apache Spark,

SQL

**Cloud**

AWS EC2

**System Administration**

Linux, Windows, MacOS

**Other**

Mongodb and SQLite

Github.com/Mentaltrain