

# Chris Stutz

Data Engineer | Data Scientist

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## EDUCATION

**Towson University**, Towson, MD — *Bachelors of Science*

September 2003 - May 2007

**Data Science & Machine Learning Boot camp**, Udemy — *Cert.*

February 2023 - May 2023

Coursework in advanced python coding, machine learning, regression, deep learning, Tensor Flow, classification and Neural Networks.

**Google Data Analysis Professional Certification**, Coursera.com — *Cert.*

Jan 2022 - April 2022

Coursework in writing SQL Queries, Excel, R programming, visualizing data with Tableau and data analysis fundamentals.

## EXPERIENCE

**Starbucks**— *Store Manager (Multi Unit/SM Training Store)*

Shift Supervisor - 2008-2013 | Assistant Store Manager 2013-2014

Store Manager 2014-2015 | Store Manager Trainer 2018-Present

Lead all operations in 2 million a year business. Served as trainer for new store managers. Managed up to three stores at one time & served as District Manager proxy during their absences.

**Olive Garden** Westminster, MD—*Culinary/Service Manager*

September 2015 - May 2017

Lead Culinary and Service operations for 4 million a year restaurant. Managed up to 110 employees.

**Cracker Barrel** Shrewsbury, PA— *Restaurant Manager*

May 2017 - April 2018

Lead culinary and service operations for a 6 million a year restaurant. Managed up to 150 employees. Oversaw retail store and large dining operation

**PublishAmerica** Frederick, MD — *Children's Book Designer and Illustrator*

June 2007 - September 2010

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## PROJECTS

**Non-Profit Web & User Database Admin** — *My Caring Paws*

Maintenance and creation of My Caring Paws (local non-profit providing therapy dogs to schools and hospitals) website and secure user database. Coding languages used CSS HTML Javascript and SQL.

[www.mycaringpaws.org](http://www.mycaringpaws.org)

**Computer Vision** — *Neural Network visual classifiers*

Created and trained neural network model to identify different impressionist painters using example images of their work. Also created a visual classifier that can identify which type of bear is pictured in an image.

## Certifications

AWS Cloud Practitioner

AWS Solutions Architect: Associate

ServSafe Food Safety Test Proctor

ServSafe Food Safety Manager

Google Data Analytics Professional

## Skills

**Data Visualization w/  
Tableau**

**Machine & Deep Learning**

**Managing and deploying  
cloud architectures and cloud  
solutions**

**Data Analysis for business  
intelligence**

**Project Management**

**Leading large teams &  
managing complex  
operations**

**Programming Languages**  
SQL

Python

R

HTML & CSS

Javascript

JSON(AWS Cloud Formation & policies)

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## **Natural Language Processing — Neural Network**

*Created and trained Neural network for binary classification of email used as a spam filter. End result was 95% accurate using the validation set. Also created model to predict sentiment of tweets using hugging face transformers libraries.*

## **Gradient Forest — decision tree model**

*Created and trained gradient forest model to predict wither a horse would live utilizing data points taken on the vital statistics of the animal. Able to predict with 80% accuracy.*

## **Computer Vision — Neural Network**

*Created and trained neural network model to identify hand written digits. Put into production in a website that allows the user to answer math facts and draw their answers. Model processes their answer and predicts with 95% accuracy wither its correct.*