

# TAYLOR NEWMAN

Passionate and dedicated computer science professional with experience in machine learning, data analytics, software development, research, and game design.

## Experience

### ***Graduate Teaching Assistant***

*University of North Carolina at Charlotte  
Charlotte, NC*

2022

- Assisting in grading of graduate level student work
- Assisting students with questions regarding the course
- Addressing group work challenges
- Investigating academic integrity violations
- Average of 20 hours per week in addition to a full time course load

### ***Undergraduate Teaching Assistant***

*University of North Carolina at Charlotte  
Charlotte, NC*

2021

- Assisted Professor with grading student work and helping students with questions about the course
- Worked through challenges students encountered in group work
- Average of 20 hours per week in addition to a full time course load

### ***Research Assistant***

*University of North Carolina at Charlotte  
Charlotte, NC*

Summer 2021

- Assisted in creating a VR related educational experience under supervision of a faculty member that led to a published paper
- Self-guided schedule required time management

## Education

### ***University of North Carolina at Charlotte***

M.S. Computer Science

Expected Graduation Date: August 2022

GPA: 3.8

B.S. Computer Science

Graduation Date: December 2021

GPA: 3.7

### ***Campbell University***

B.B.A Business Administration

Graduation Date: August 2019

## Relevant Coursework

Undergraduate Work: Software Engineering, Undergrad Research, Linear Algebra

Graduate Work: Applied Machine Learning, Visual Analytics,

Big Data Analytics, Data Structures and Algorithms

## Personal

### Phone

(252)-943-1747

### Email

taylorfaye96@gmail.com

### LinkedIn

linkedin.com/in/taylor-newman

## Technical Skills

Pandas  
sklearn  
Numpy  
Git  
Data Preprocessing & Manipulation  
Jupyter Notebook & Google Colab  
Docker  
Regex

## Languages

Python  
Java  
C#  
C++  
HTML

## Projects

### GitHub

github.com/taylornewman96

### Research Publication

*Link to Paper*

### List of Work

Plavana VR research project  
Revenge Video Game  
Trapped Video Game  
Detecting Hate Speech Using NLP

\*In addition to the other works listed, this resume has also been coded and was generated in python. The source code can be found on my github.