# Robert Wilson Stewart

## Data Scientist

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Data Scientist with MS in physics and experience in research. I am skilled at tackling and completing complex problems through an analytical lens. I look forward to using data to provide critical insights towards solving real-world problems

## SKILLS

- Python: numpy, pandas, scikit-learn, scipy, matplotlib, seaborn, Keras, TensorFlow
- SQL
- Amazon Web Services
- C
- Mathematica
- Critical Thinking
- Problem Solving
- Research
- Probability and Statistics

## EXPERIENCE

General Assemblyl Washington, DC
**Data Science Immersive Student** September 2019 – December 2019
- Used Google Maps API and social media to build a real-time model to optimize evacuation routes during natural disasters.
- Built an item based collaborative recommender system to give brewery recommendations based on a user's beer preferences.
- Looking at 2 subreddits, I used binary classification with NLP to identify with 92.59% accuracy where a post came from based on its title text

Lee High School Springfield, VA
**High School Physics Teacher** July 2018 – June 2018
- Designed and organized curriculum for 130 students across five classes
- Maintained an engaged and disciplined student-centered learning environment

The George Washington University Washington, DC
**Graduate Teaching Assistant** August 2015 – May 2017
- Worked alongside a professor in a collaborative classroom environment
- Graded laboratory reports, weekly quizzes, workbooks, and exams for 80 student classes

Target Charlottesville, VA
**Manager** November 2012 – May 2015
- Structured price accuracy workload each week for 10 price accuracy team members
- Reorganized the structure of team member assignments to promote efficiency and increase sales

## RESEARCH

The George Washington University Washington, DC
**Nuclear Physics Research Assistant** May 2016 – May 2018
- Co-authored a paper currently in progress titled, *Dissecting Deuteron Compton Scattering II: The Observables with Polarised Initial States*

Arecibo Observatory Arecibo, Puerto Rico/Moraga, CA
**Undergraduate ALFALFA Team Member** May 2011 – May 2012
- Co-authored, *ALFALFA: The Arecibo Legacy Fast ALFA Survey, January 2012 Undergraduate Team Workshop*
- Observed six promising dark galaxy candidates using the telescope's L-Band Wide receiver

## EDUCATION

General Assembly Washington, DC
**Data Science Immersive Course** September 2019 – December 2019

The George Washington University Washington, DC
**M.S Physics** August 2015 – May 2018
- Recipient of the Graduate Assistantship and University Fellowship Award

Saint Mary's College of California Moraga, CA
**B.S. Physics,** Minor Mathematics August 2008 – May 2012
- University level physics and mathematics tutor (2009-2012)