

Robert Wilson Stewart

Data Scientist

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Data Scientist with MS in Physics and more than 3 years of 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

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

- General Assembly 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
 - Examining 2 subreddits, I used binary classification and 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)