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

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
- Collaborated with Professor Harald Griesshammer as co-author on 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 – Present

The George Washington University — Washington, DC
M.S Physics — August 2015 – May 2018
- Recipient of the Graduate Assistantship and University Fellowship Award for August 2015 - May 2017

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