Richard Fox Aufenger IV

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LinkedIn: www.linkedin.com/in/FoxAufenger4 **|** Github: https://github.com/FAufenger

Portfolio: https://faufenger.github.io/

Multidisciplinary, driven Scientist and Data Analyst experienced in mathematics, philosophy, and mechanical processes. Determined critical thinker with the ability to explain more complex problems from various perspectives to all levels of audiences. Desire to use analytical skills to help efficiently shape a better future, while interacting with others on a professional level to achieve this common goal.

PROFESSIONAL EXPERIENCE

PPD   Sept 2021- Present
Assoc Scientist- Automation Specialist, Richmond, VA
- Develop and validate scripts/methods in addition to designing and executing experiments.
- Maintain liquid handling workstations and other high-end instrumentation.
- Follow standard practices and procedures in analyzing situations, machinery and data.
- Execute scientific assays using a variety of technologies/concepts with supervision.

Trilogy Education Services   June 2021- Dec 2021
Data Analytics & Visualization Instructor + Grader, Richmond, VA
- Instruct a 24-week intensive bootcamp focusing on technical skills required within data analytics
- Work closely with students in class as well as individual tutoring to enhance their technical skills
- Teach students how to code, most specifically in Python, SQL and JavaScript
- Effective time management and communication, creating a well-balanced class environment

BOBST North America   July 2017 – Sept 2019
Field Service Technician, Boston, MA
- Lead technician for installation of large machinery in numerous factories across America
- Taught safety, operating standards, and specialty product methods to clients
- Achieved customer and employer satisfaction while working independently at offsite locations
- Orchestrated travel to customers both across America and internationally
- Analyzed clients' set up and process of machinery to maximize production and minimize waste

United States Navy   Oct 2016 – Apr 2017
Airman, Great Lakes, IL
- Managed groups of 10 - 30 Naval Special Warfare candidates for training regiments
- Responsible for set up, take down, and equipment maintenance for recruits
- Quickly adapted to code and conduct to become sailor of the month for February 2017

Pep Boys Automotive   Mar 2013 - Sept 2016
Assistant manager, Richmond, VA
- Provided solutions to service, retail and commercial customers in a timely manner
- Aided in diagnostics and repairs on multiple vehicles and equipment
- Expanded local commercial accounts and built lasting customer relationships
- Supervised inventory ordering, management and placement

EDUCATION

Certificate in Data Analytics and Visualization   May 2021
University of Richmond, Richmond, VA (USA)

B.A. Philosophy
James Madison University, Harrisonburg, VA (USA)   May 2011
Minor in Mathematics

TECHNICAL SKILLS

Languages: Python, R, SQL, JavaScript, Machine Learning

Applications: Tableau, Command Line, Excel, Jupyter Notebook, VSCode, GitHub, GIT

Tools: Seaborn, Matplotlib, Pandas, SQLAlchemy, Leaflet, D3, Tensorflow

Database: MySQL, PostgreSQL, MongoDB, NoSQL

PERSONAL INTERESTS

Mountain biking, Puzzling, Sailing, Surfing, Reading, Scuba diving, Recreational-league kickball