

EMILY ROGALSKI

DATA SCIENTIST

PROFILE

My highly technical and mathematical background along with my innate curiosity and love for learning help me find success at interpreting data and building strong machine learning models. I am a data scientist with a geophysics and research background who has a passion for analytical problem solving and experience using Python for data science and analysis.

EXPERIENCE

DATA SCIENCE FELLOW

General Assembly | Denver, CO | 2022

- Developed skills in data gathering, data analysis, machine learning, and data visualization while completing projects in a wide variety of data science projects
- Utilized APIs and NLP to build a classification model for Reddit posts
- Cleaned and explored large datasets and presented findings to both technical and non-technical audiences

SOFTWARE DEVELOPER

Builders FirstSource | Denver, CO | 2019-2020

- Designed and developed a user-friendly application with intuitive navigation that both prevented human error and saved company resources.
- Provided clients with on-going support

MATERIALS ENGINEERING TECHNICIAN

Elementum 3D | Denver, CO | 2018-2019

- Gathered and analyzed materials properties data
- Used data to design print builds in EOS Print software

PROGRAM PRESENTER

Carnegie Science Center | Pittsburgh, PA | 2016-2018

- Presented science programs to audiences of up to 200

RESEARCH ASSISTANT


Boston University | Boston, MA | 2015-2017

- Modeled 3D stress change on the Cascadia fault using MATLAB and Python
- Awarded 3 separate research grants

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EDUCATION

BOSTON UNIVERSITY

Bachelors in Geophysics and Planetary Sciences, Minor in Mathematics, 2012 - 2016

GENERAL ASSEMBLY

Certificate in Data Science, 2022

CERTIFICATES

- Python
- Sci-Kit Learn
- Machine Learning
- Matplotlib
- Pandas
- SQL
- C++

SKILLS

- Natural Language Processing
- APIs/ Web Scraping
- Technical Writing
- Data Analysis
- Tableau
- TensorFlow
- Git