

Max Gebhard

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COMPUTER SKILLS

Programming Languages: Python, LaTeX.

Libraries: Pandas, Numpy, BeautifulSoup.

Data Visualization tools: Matplotlib, Plotly-Dash.

Machine Learning/Algorithms: Scikit-Learn, Tensorflow-Keras.

Deployment: Git, Heroku, Gunicorn.

PROJECTS

Gamma Ray Spectroscopy Senior Project
Research on the energy spectra of gamma radiation emitted from radioactive nuclei.

Data Science Projects/Applications

- Random Forest Classification of Gamma and Hadron Particles
- Regression Analyzer for S&P 500 Securities
- CNN Classifier of Semi-Conductor Wafers

See Github for all projects: github.com/mjg338

WORK EXPERIENCE

Center Stage Productions Summer 2019
Fairlawn, NJ

Exposure to RhinoCam. Projects typically involved producing custom objects for exhibits using a process of 3D rendering and machine tool pathing within RhinoCam, followed by materials selection and then oversight on in-shop machine execution of the designs.

EDUCATION

Bachelor of Science, Applied Physics
Rutgers University, New Brunswick, NJ, 2020
Concentration: Nuclear Radiation

Metis Data Science Bootcamp
New York, New York, 2020