

Matthew Murray

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TECHNICAL SKILLS

Programming Languages: Python, MATLAB, R, C/C++

Tools: Git, Elasticsearch, Excel, Kubernetes

Interests: Sports Analytics, Scientific Computing, Finance, High Performance Computing, Deep Learning, Data Visualization, Web Scraping

GITHUB PROJECTS

[Matt711/anime_reference](#) » [anime_reference](#)

Python module for scraping static content from anime websites

Technologies: Python, Jupyter Notebook

[Matt711/NBA-Data-Science](#) » [NBA-Data-Science](#)

Web Scraping per game stats to find NBA Player Similarity

Technologies: Python, Jupyter Notebook, Excel, R

PROFESSIONAL EXPERIENCE

Incoming Backend Engineer Intern, Robinhood, Menlo Park, CA

May 2022 – August 2022

Summer 2022 Internship.

Technologies: Python, Django, Kubernetes

Dask Deployment Intern, NVIDIA, Santa Clara, CA

Jan 2022 – May 2022

Building Dask and RAPIDS at NVIDIA.

Technologies: Python, HTML, Git, Kubernetes, PyData: NumPy, CuPy, SciPy, Pandas, cuDF, Dask, Scikit-image, Dask-CUDA, Dask-cuDF

Software Engineering Co-op, Oracle, Morrisville, NC

Jan 2021 – May 2021

Full participation in Agile Software Development Team (Network Services). Built an Alert for Kubernetes Pods Restarting Continuously.

Technologies: Python, HTML, Git, Kubernetes, Elasticsearch

Software Engineering Co-op, Oracle, Morrisville, NC

May 2021 – August 2021

Managed the Python Packages Project which contains all of Network Services' internal Python Packages. Deployed Projects on Kubernetes Stack and Manually tested code changes by exec'ing into Pods and Running Commands. Managed Resources for Containers in Kubernetes Pods.

Technologies: Python, HTML, Git, Kubernetes, Elasticsearch

ADDITIONAL INFORMATION

- Interests: Sports Analytics, Board Games, Mathematics, Basketball, Tutoring.

EDUCATION

Degree	Major	Institution	Graduation Year
Bachelor of Science	Applied Mathematics	North Carolina State University	2023
Bachelor of Science	Electrical Engineering	North Carolina State University	2024

UNDERGRADUATE COURSES

Mathematics of Scientific Computing	Computer Systems Programming
Linear Algebra	Probability and Statistics for Engineers