

Richard Nardone

Data Scientist
Software
Developer

Richard Nardone

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Education

New Jersey Institute of Technology / M.S. in Data Science

Sept 2021 - Dec 2022, Newark, NJ

New Jersey Institute of Technology / B.S. in Computer Science

Jan 2018 - May 2021, Newark, NJ

Coursework: Machine Learning, Deep Learning, Data Analytics, Data Mining, Big Data

Intercollegiate Athletics

Division 1 NJIT Men's Lacrosse Team, Member

- Gained valuable time management, leadership, and team-building experience
 - Averaged 30 hours per week training, meetings, travel, and game competitions
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Technical Skills

Operating Systems: Windows, Mac OS, Linux

Languages: Python, scikit-learn, pandas, Django, Flask, Spark, Hadoop, R Programming, Java, HTML, React.js, MATLAB, Javascript, Kotlin, Swift, Node.js

Database/Server: MySQL, Postgres

Other Software/Tools: AWS EC2, Elastic Bean, Lambda, S3, Deep Learning, Machine Learning

Experience

Rivals Fantasy Sports / Chief Technology Officer

June 2022 - Present, Remote

- Led a team of developers in the design and implementation of a fantasy sports betting app, overseeing all aspects of the development process from ideation to deployment.
 - Actively participated in the development of frontend and backend code, utilizing skills in languages such as Kotlin, Swift and Node.js to build robust and scalable systems.
 - Conducted thorough testing and debugging of code to ensure a seamless user experience.
 - Communicated with external companies to secure APIs and integrations to enhance the functionality of the app.
 - Managed the company's systems and infrastructure, ensuring optimal performance and reliability.
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Projects

- Created a Convolutional Neural Network using MATLAB to train and classify retinal optical coherence tomography images for 4 diseases to a 95% accuracy. **(Image Processing, Neural Networks, and Classification)**
 - Implemented Random Forest Classifier in Python and performed feature engineering to predict Titanic Survival to a 78% accuracy. **(Data Analytics, Machine Learning, Classification)**
 - Created a web scraping tool in Python for NJIT Athletics to pull and clean heart rate monitor data from team websites and export specific data to excel sheets for coaches. **(Web Scraping, Data Manipulation)**
 - Created a Text-RPG game for a capstone project using python flask app and React. **(Back-end, Front-end)**
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General Skills

Data Visualization, Image Processing, Pattern Recognition, Statistical Analysis, Data Cleaning, Data Preparation, Feature Extraction, Back-end and Front-end Development