

EDUCATION

Rutgers University

New Brunswick, NJ

September 2013 - May 2018

Bachelors (Information Technology)

Specialization in Data Science

Masters (Information)

Concentration in Technology, Information, and Management

Cumulative GPA: 3.9

Dean's List

Graduated Magna Cum Laude

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals (AZ-900)

COURSEWORK

Data Analytics
Object Oriented Programming
Competitive Intelligence
Information Visualization
Web Design
Database Technologies
Project Management
UI/UX Design

SKILLS AND TECHNOLOGIES

Data Analytics + Business Intelligence

Excel Python SPSS SQL

Statgraphics Tableau R

Web Development

Frontend and backend experience

HTML CSS Javascript

BootStrap .NET

UI/UX Design

Adobe XD Photoshop

Indigo Studios Sketch

EXPERIENCE

Applied Research Associates, Alexandria, VA - Data Scientist

March 2023 – Present

- › Worked on several Department of Homeland Security projects as a data scientist.
- › Worked with the Cybersecurity and Infrastructure Security Agency to help identify National Critical Functions and address concerns.
- › Conducted exploratory data analysis, data cleaning, analytics, and created visualizations primarily with Python and included libraries.
- › Applied machine learning methods to train/test models to make future predictions.
- › Underwent research to become subject matter expert in various governmental fields.
- › Acted as scrum master to facilitate team tasking and wrote up project plans, statement of works, as well as debriefings.

NJM Insurance Group, West Trenton, NJ - Java Developer Associate

July 2021 – February 2023

- › Worked with GuideWire to maintain and update personal lines insurance policies.
- › Created an online consultant time tracking web application using .NET MVC, SQL, HTML, CSS, and BootStrap.
- › Wireframed prototypes and used Adobe XD to build demos.
- › Analyzed insurance data to generate reports and create information visualizations/dashboards with R, Python (Pandas), and Microsoft Power BI.

Infosys, New York, NY – Data Science Associate

August 2018 – May 2020

- › Executed ETL tasks on large datasets using Pyspark and Pandas.
- › Utilized SPSS and StatGraphics to analyze data and find actionable insights.
- › Developed SQL scripts to extract client information from internal databases.
- › Created information visualizations with ggplot, matplotlib, and Tableau to both technical and non-technical audiences.

Rutgers University, New Brunswick, NJ - Teacher Assistant

September 2017 – December 2017

Taught students the fundamentals of web design and information technology.

Tata Consultancy Services, Edison, NJ - Intern

June 2016 – September 2016

- › Worked on subjects like IoT and chatbots in their innovation lab.
- › Experimented with Arduino boards programmed with C to create sensors that connect to the internet.
- › Used api.ai to create chatbots to answer people's inquiries.
- › Interacted with clients to ascertain their technological and business needs.

PROJECTS

Stock Analysis Project

Used data and data analysis tools to predict stock prices for seven different stocks.

- › Used Python and R to predict stock prices in the future using 5-year historical data gathered using AlphaVantage (api).
- › Conducted sentiment analysis using NY Times api data as another predictor.
- › Compiled findings into a comprehensive report/presentation.