

## EDUCATION

**Rutgers University**  
New Brunswick, NJ

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 for forecasting 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.