# Yang Guo

#### **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**

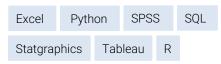
Microsoft Certified: Azure Fundamentals (AZ-900)

#### **COURSEWORK**

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

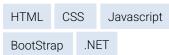
#### **SKILLS AND TECHNOLOGIES**

## Data Analytics + Business Intelligence



### Web Development

Frontend and backend experience



#### UI/UX Design

| Adobe XD       | Photoshop |        |
|----------------|-----------|--------|
| Indigo Studios |           | Sketch |

#### **EXPERIENCE**

# NJM Insurance Group, West Trenton, NJ - Java Developer Associate July 2021 - Present

- > 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 - May 2018

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 inquires.
- > 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.

# Sous la Vie - Demo 7

A dieting and lifestyle smartphone application targeted at those who struggle with following a diet.

- > Conducted surveys and interviews on dieting to see what issues there were.
- > Created personas/scenarios to depict the problem and proposed solution.
- > Made an affinity diagram to help ideation process and organize ideas.
- > Created lo-fi and hi-fi prototypes, the latter being done in Adobe XD.