

EDUCATION

New Jersey Institute of Technology

Newark, NJ

- Master of Science: Data Science, Computational Track
 - Graduation Date: December 2021
 - Relevant Courses: Machine Learning, Big Data, Deep Learning, Cloud Computing
- Bachelor of Science: Computer Science; Minors: Applied Mathematics and Business
 - Graduation Date: May 2020
 - Alpha Phi Omega – National Co-ed Service Fraternity (*Spring 2017-May 2020*)
 - Fundraising Chair (*Fall 2018*) - Increased sales by adding new products and gaining new customers through social media platforms

SKILLS

- **Programming Languages:** Python, R, Java, C++, Bash, SQL, C#, HTML, PHP
- **Framework & Libraries:** TensorFlow, Scikit-learn, Pandas, Keras, Hadoop, Unity, Pytest, Pylint, HuggingFace
- **Hardware & Troubleshoot:** Computer, Network, Printer, Server
- **Tools & Databases:** Git, Docker, MySQL, Google Suite, CAD, MS Excel

PROJECTS/ACCOMPLISHMENTS

- Research Project - Detecting Software Vulnerabilities using Machine Learning
 - Created a Git server vulnerability dataset with code changes and CVE summaries
 - Python Libraries: Urllib, BeautifulSoup, Pandas, Thread
- NJIT CS Capstone Project
 - Created a Named-entity Recognition model using HuggingFace's BERT-base model with accuracy of 95%
- Virtual Reality Rehabilitation for Wrist Tendonitis Patients
 - Created a virtual reality rhythm game in Unity to treat wrist tendonitis
 - Utilized: Unity, Feather M0, 9-DOF IMU, Flex Sensors
- Forecasting Energy Consumption
 - Used LSTM to predict future energy consumption with 8% MAPE
- Airline Cancellation Analysis
 - Used Hadoop to analyze and visualize various statistics from 60GB dataset
 - Ran on 12 AWS EC2 instances
- IBM Blockchain Practitioner Badge
 - Acquired skills and understanding of Blockchain concepts and technologies
 - Designed and developed a Blockchain solution prototype for real estate transactions

WORK EXPERIENCE

Manager

Path Discount Liquor (June 2020-)

Perth Amboy, NJ

- Increase sales by building and maintaining customer relationships
- Keep track of inventory and sales to create budgets and draw more customers in
- Negotiate with salesmen to acquire exclusive deals and rare products

IT Technician & Data Entry Clerk

La Quinta Inn (June 2018-Sept 2021)

West Long Branch, NJ

- Troubleshoot all computer, printer, and network issues
- Used Microsoft Excel to analyze cash flow for decision making and performance measuring
- Increased cybersecurity and network reliability for front desk and manager computers by utilizing a dedicated network and firewall

Tutor

Johnson & Johnson x NJIT – Technology Awareness Program (Sept 2018-Dec 2018)

Newark, NJ

- Help expose high school students to supply chain challenges via a J&J business problem
- Created a mock tracking app that resolved transport transparency and verification of products

IT Technician & Data Entry Clerk

Swami Check Cashing (Sept 2013-May 2015)

South Bound Brook, NJ

- Troubleshoot all computer, printer, and network issues
- Created monthly and annual financial statements using Microsoft Excel to track and analyze profits and expenses