

Neel Haria

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OBJECTIVE Jr. Data Analyst at MJH Life Sciences

EDUCATION Stevens Institute of Technology, Hoboken, NJ Expected May 2021

Master of Science in Computer Engineering, GPA: 3.667

Honors: Recipient of Graduate Provost's Fellowship Award

Related Courses: Advanced Python, C++, IOT, Digital Systems & Architecture, Applied Modelling & Optimization, Data Structures and Algorithms, Big Data, Python for Finance, Machine Learning

University of Mumbai, Mumbai, Maharashtra/India

May 2019

Bachelor of Engineering in Electronics and Telecommunications, GPA : 3.7

Related Courses: Operating Systems, Objected Oriented Desgining(C++), Computer Architecture,DBMS

SKILLS **Programming Languages:** Proficient in C, C++, Python, SQL, JavaScript,HTML & CSS
Version Control Software: GIT | **Cloud Technology:** Google Cloud Platform
Hardware Technology: Arduino, NodeMCU, ESP8266, Raspberry Pi
Python Libraries: Matplotlib, PySpark, Matplotlib, scikitlearn, TensorFlow, Seaborn, NumPy, Pandas
Software Tools: PyCharm, Eclipse, Visual Studio, BASH, Clion, MS Excel,CMD
Software Skills: Algorithms, Data Processing & Visualization, APIs, Relational Databases, SQL Queries

EXPERIENCE Jabil Wireless R&D, Warren, NJ June 2020 - Present

Computer Engineering Intern, 5G Software and Data Services

- Fabrication of System Architecture and setup of Anechoic chambers for 5G Conformance testing
- Design high performance software with low latency for controlling hardware using C++ & C#
- Debug, test and contribute to software testing and provide technical support to a team of 10+
- Extraction, analysis and modelling of data from external sensors to obtain 100% desired results
- Cleaning unwanted data and automating repetitive task like storing data to cloud databases
- Design and maintain complex SQL Queries to obtain desired data for further analysis
- Utilize data representation tools to make clear and concise visual representation of findings

Stevens Institute of Technology, Hoboken, NJ

Jan 2020 – March 2020

Research Assistant, Schaeffer School of Engineering

- Enhanced and obtained high performance of algorithms using multi-threading & CPU parallelism
- Operated on large datasets to perform instructions through a pipeline and observe performance

CDAC Computer Institute, Mumbai, India

May 2019-July 2019

Software Engineering Intern, Technology Department

- Obtained deep level knowledge of Object-Oriented Programming, data structures & algorithms
- Exhibited capability to write SQL queries to retrieve and manipulate data in a SQL database

PROJECTS Stevens Institute of Technology,Hoboken,NJ

Tool For Web Scrapping on SEC EDGAR(Python, SQL, Web Scrapping, HTML, APIs, Pandas) Fall 2020

- Fetched, processed & cleaned textual and numerical data from SEC EDGAR using Web-Crawling
- Stored data in SQL database, automated data retrieval and created an associated API

Market Analysis & Prediction(APIs, Python, SQL, Machine Learning, Pandas, NumPy) Fall 2020

- Retrieved stock price data from IEX cloud and Yahoo Finance API to local database for analysis
- Explored and cleaned data to reduce processing times by minimum 20%
- Used time series analysis, regression & various machine learning algorithms to make predictions

Vehicle Route Generator(Data structures, Automation,Optimization & Modelling) Spring 2020

- Solved vehicular routing problem with 3 constraints such as time, quantity and fuel
- Optimized path taken by delivery vehicles, reducing cost on fuel and delivery time by 20%
- Deployed Branch & Bound Algorithm, instead of conventional method for faster results by 30%

Available May 2021