

Arjun Singh

New York, NY | 925-575-2299 | Email: arjunsingh@nyu.edu | Website: singharjun.com | LinkedIn: linkedin.com/in/singharjun1409

EDUCATION

New York University, College of Arts and Science | New York, NY

January 2023 - December 2025

Bachelor of Arts in Computer Science, Minor in Economics

Relevant Coursework: Object Oriented Programming; Data Structures; Operating Systems; Artificial Intelligence; Applied Web Technology; Money and Banking; Urban Economics; International Economics

University of California, Davis | Davis, CA | *Transferred to NYU*

Sep 2021 - Dec 2022

WORK EXPERIENCE

EXL Services, Analytics Consultant | New York, NY

Summer 2024; Summer 2025

- Developed web data extraction programs and built a data pipeline from 3 ticketing platform APIs and 2 Google APIs
- Processed data for BERTopic Modeling, fine tuned Spacy NLP models for Named Entity Recognition and performed sentiment analysis on sports comments. Developed a dashboard for Engagement Analysis and metrics.
- Produced action oriented solutions for 2 national sporting leagues which increased their ticket sales, anticipated to grow an additional 10% annually, and improved advertising targeting.

Teleperformance, Software Developer | India

July 2022 - August 2022

- Developed an enterprise product for 20 hotel chains to assess performance of different residences based on an analysis of guests reviews and ratings.
- Visualized the analysis in simple dashboards, improving the experience of 40 million guests annually and making it easier for auditors to identify target points for improvement.
- Processed structured and unstructured data and created Machine Learning algorithms for sentiment analysis, loyalty tests, customer churn prediction and social media listening.

Roots Capital Management, Technology Intern | Davis, CA

December 2021 - May 2022

- Automated internal administrative tasks, data collection processes and accelerated financial analysis by developing and implementing a web scraping program using python and selenium to collect data on economic performance of 500 companies' stocks.
- Time saved is ~3000 man hours per year.

PROJECTS

DTCC Future of Coding with Artificial Intelligence (NYU VIP Project)

January 2024 - Current

- Researching the feasibility of GenAI as a developer's assistant to understand the best use of AI in Development
- Prompting GPT to create electrical circuits using Python's Schemdraw library and evaluating the response with test cases as well the robustness of GPT in revising its programs with feedback.

LEADERSHIP AND EXTRACURRICULAR EXPERIENCE

NYU Student Technology Center, Technology Assistant

January 2025 - Current

- Providing in person desktop support to faculty and students by troubleshooting issues with hardware and software.
- Coordinated the deployment of computer systems in multiple departments.

NYU Run Club

January 2023 - Current

- Coordinating bi weekly runs and training sessions for 50+ members of the NYU Run Club. Assisting in community events such as trail hikes and volunteering. Representing NYU in competitive runs organized by NYCRuns.

NYU Student Athletic Facilities, Facilities Attendant

January 2024 - May 2024

- Ensured proper operation of the athletic facilities through a mix of physical and administrative tasks that maintain the safety and functionality of the facilities and NYU community.

SKILLS AND CERTIFICATIONS

Development and Data Handling: C++, Java, Python, SQL, Tableau, Pandas, MongoDB, Spark, Javascript, Node, Express, React, HTML, CSS, APIs, Machine Learning, GenAI, Natural Language Processing, Topic Modeling, Data Structures, Algorithm Development, Github, DevOps, AWS, Web Scraping

Market Based: Problem Solving, Product Development, Product Presentation

Certifications: Data Structures and Algorithms at LinkedIn, GenAI Software Development at Coursera, Artificial Intelligence at Stanford University, Women and Leadership at Brown University