Fatima Javid

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EDUCATION

Hunter College, CUNY   New York, NY

BA in Computer Science, BAMA in Economics, Minor in Mathematics, GPA: 3.55   Expected May 2026

Certifications: Professional Scrum Master 1, Bloomberg Markets Concepts, Google Data Analytics Certificate

Coursework: Digital Product Development, Software Analysis & Design 3, Web Development, CodePath iOS Development, CodePath Android Development, Data Analytics and Research Methods, Econometrics

SKILLS

Tools: Python, Kotlin, Excel, SQL (Basic), Python, Stata, LaTeX, Tableau, Macro VBA, Swift, Bloomberg Terminal

Languages: English, Urdu, Punjabi, Hindi

EXPERIENCE

Anote | Machine Learning Engineer Intern   Nov 2023 – Jan 2024

- Collaborated in a team to develop an algorithm to dynamically tag unstructured financial data (tweets, Reddit posts, 10Ks) using NLP techniques to assist in data classification for AI applications.
- Contributed to a research paper on the effectiveness of Retrieval Augmented Generation (RAG) in improving LLMs for financial data queries.

Bloomberg | Financial Analytics and Sales Intern   Jun 2023 – Aug 2023

- Promoted Bloomberg Terminal features to 50+ clients during a sales campaign, improving user experience.
- Facilitated a client training session and participated in three client meetings to onboard new users.
- Collaborated in a team to pitch Bloomberg solutions to a simulated hedge fund, providing tailored recommendations.

UCSF Clinical and Translational Science Institute | Research Fellow   July 2021 – Aug 2021

- Completed a Designing Clinical Research course, gaining foundational knowledge in quantitative and qualitative research methodologies used in clinical studies.
- Assisted a UCSF graduate student on a research project analyzing the relationship between immigration status and advanced care planning in the U.S. using data from the Health and Retirement Study (HRS).

PROJECTS

Transportation Data Science Project (TDSP) | Northeast Big Data Innovation Hub & U.S. DOT (Python, Excel)

- Performed exploratory data analysis (EDA) on 2M+ NYC crash records using Python (Pandas, Matplotlib) and SQL to identify high-risk demographics and injury hotspots.
- Delivered actionable policy recommendations for road safety improvements based on data-driven insights.

FICS (Fixed Income for College Students) (Kotlin, Jetpack Compose, Figma)

- Collaborated on a team to build an interactive Android app simulating a $10K fixed-income portfolio, allowing users to invest in investment vehicles such as treasuries and asset-backed securities, and guiding users through economic conditions such as inflation, interest rates, and the business cycle to improve financial literacy.

Personal Portfolio Website (React.js, HTML, CSS, Figma)

- Designed and developed a professional portfolio website from scratch to creatively present my technical projects, resume, and personal achievements.
- Deployed the site on Netlify for fast, reliable hosting and continuous integration for an optimal user experience.

Crime Prediction Model (Jupyter Notebook, Python, Streamlit, Kaggle)

- Built a predictive model analyzing socioeconomic risk factors in Kaggle's Crimes in US Communities dataset.
- Achieved an R^2 of 0.93 by identifying 5 key indicators, improving crime risk forecasting accuracy