

KAMRUN NAHAR MIM

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EDUCATION

Bachelor of Arts, Computer Science Major, Connecticut College

Minors in Statistics & Data Science

Expected May 2026

Overall GPA: 3.15/4.0

Relevant Coursework: Data Science, Probability and Statistics, Advanced Regression, Data Structures, Macroeconomics
Feminist Economist.

Honors & Awards: Computer Science Award

EXPERIENCE

Network Operations and Security Assistant

Aug 2022 - Present

Connecticut College

New London, CT

- Dedicate **extensive hours** managing the Web Help Desk, resolving 95% of technical support tickets within SLA timelines, and ensuring seamless operation of network-connected systems like Zavics
- Monitor and correct backup errors with Druva, safeguarding sensitive PII data and reducing potential data loss incidents by 25%
- Labeled and configured over 200 systems, installing CC domain agents to maintain secure asset management and lifecycle tracking

Student Sales Analyst– Advancement Office

July 2023 - Dec 2024

Fundraising Department, Connecticut College

New London, CT

- Analyzed alumni donation patterns with Salesforce, enhancing fundraising strategies and forecasting contributions with high accuracy
- Conducted detailed background data collection to craft targeted DEI fundraising appeals, increasing donor inclusivity and engagement
- Strengthened relationships with alumni donors through strategic outreach, boosting new and recurring contributions

Brainwave Analysis Researcher

July 2023 - Aug 2024

Computer Science Department

New London, CT

- Collaborated under faculty guidance on **Brainwave Analysis and Activity Prediction** using Muse EEG headsets and the Splunk platform
- Evaluated machine learning models (Logistic Regression, SVM, Random Forest, Decision Trees) to predict educational activities with 95% accuracy, with Random Forest excelling for 5-second spans, showcasing the ability to identify trends and mitigate risks in real-time [View Poster](#)

TECHNICAL PROJECTS

Risk Analysis for Loan Applications Analyzed loan data to identify patterns and trends in risk factors, such as loan-to-income ratios and loan intents, using Python. Categorized loans into Low, Medium, and High Risk groups by designing a Risk Score metric and conducting visualizations using Matplotlib and Seaborn. [View Project](#)

Heart Disease Analysis Conducted an analysis of patient data to uncover patterns and risk factors for heart disease, leveraging statistical and machine learning techniques ♦ Created predictive models using Python and scikit-learn to assess risk levels, achieving significant accuracy [View Project](#)

KaajList Designed a digital planner application to simplify task management and enhance productivity while ensuring data integrity and security. ♦ Integrated task prioritization and deadline reminders, reflecting risk awareness in time-sensitive decisions ♦ Built user-centric features that mimic real-world objects, showcasing the ability to align technological solutions with user needs. [View Project](#)

SKILLS

Data Analysis: Python (pandas, NumPy), R, SQL, Excel (Advanced) ♦ **Data Visualization:** Power BI, Tableau, Excel

dashboards ♦ **Risk Management:** Compliance, Fraud, Operational, Market Risk ♦ **Problem-Solving:** Root cause analysis, trend identification, corrective action implementation