

# Krishanth Babu

krishb.0017@gmail.com | (973) 607 7531 | Randolph, NJ | krishanthbabu.com

## EDUCATION

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### Rutgers University, New Brunswick

B.S. in Computer Science  
Minor in Business Administration

May, 2026  
New Brunswick, NJ

GPA: 3.57

Awards: Rutgers School of Arts and Sciences Latin Honors and Deans List

## TECHNICAL SKILLS

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Languages: Java, JavaScript, Python, HTML, CSS, SQL

AI/ML: PyTorch, TensorFlow, Scikit learn, Neural Networks, Regression Models, Classification Models, Data Preprocessing

Frameworks & Tools: Flask, React Native, Pandas, NumPy, Git, Expo

Concepts: Machine Learning, Predictive Modeling, Data Analysis, Feature Engineering, Model Evaluation

## WORK EXPERIENCE

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### AI Data Trainer / AI Evaluator | Remote

March-2025 - Present

Data Annotation

- Evaluated and improved AI-generated responses for accuracy, reasoning quality, and instruction adherence across coding and language tasks
- Analyzed outputs from large language models and provided structured feedback to improve model performance
- Assisted in reinforcement learning and data annotation workflows used for AI model training
- Worked with technical prompts involving Python, problem-solving, and logical reasoning

### Coding Instructor | Livingston, NJ

May-2025 - Sep 2025

Code Ninjas

- Mentored students (ages 7–14) in programming fundamentals using languages such as JavaScript, Python, and block-based tools like Scratch and MakeCode Arcade.
- Guided students through full-cycle development of games and applications, emphasizing logic, debugging, and iterative design.

### Tutor | Remote

Nov 2023 - Present

Varsity Tutors

- 5-star rated tutor for K–12 students in ChatGPT, Claude, Computer Science, Math, Science, and English
- Led recurring sessions and secured repeat clients through strong performance
- Communicated with parents to discuss progress and learning goals

## PROJECTS

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### Flight Delay Prediction System + Airport Intelligence Dashboard

January 2026

Python Program/UI

- Developed an AI-driven flight delay prediction system using historical aviation datasets and predictive machine learning models
- Engineered and trained a multi-task neural network combining regression and classification techniques to forecast delay duration and cancellation risk
- Modern UI with machine learning airport scorecards to rank major US airports

### ScarletParking

April 2025

App Store Application

- Developed a location-aware mobile application used by Rutgers students to identify available parking lots based on permit eligibility and time constraints
- Achieved 12,000+ impressions and 1,500+ downloads while ranking Top 100 in Apple Navigation
- Created with Javascript, ReactNative, Expo, and XCode

### Secure Document Sharing Platform

April 2026

Python, Flask, bcrypt Program

- Built a secure web application allowing users to upload, share, and download encrypted documents with role-based access control (Admin/User/Guest)
- Applied Fernet symmetric encryption (AES-128-CBC + HMAC-SHA256) for all stored documents, ensuring data-at-rest protection
- Prevented XSS, command injection, and path traversal attacks through input sanitization and whitelist validation