

# NEEV JAIN

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## EDUCATION

### Boston University

Bachelor of Engineering, Computer Engineering

- GPA: 3.85 / 4.0; Dean's List;

Boston, MA

Expected May 2027

### G.D. Goenka Public School

High School Diploma

New Delhi, India

Apr 2024

## EXPERIENCE

### AI Automation Intern

SeamsFriendly

May 2025 - Aug 2025

Delhi, India

- Automated core operational management workflows using AI models & Python scripts.
- Devised intelligent automation pipelines to optimize inventory tracking, order processing, and team communication.
- Revised process efficiency by reducing manual data handling and turnaround time by over 30%.

### Student Intern

TalentHome Solutions LLP

Apr 2022 - May 2022

Mumbai, India

- Collaborated in a team of 4 to build web applications supporting career choices and guided app development initiatives.
- Collaborated closely with experienced developers to enhance both front-end and back-end functionalities.

## PROJECTS

### Vehicle Speed Detection System

- Built a multi-object tracking system using YOLO and DeepSORT to detect and track cars from recorded video footage.
- Estimated vehicle speeds by converting pixel displacement to real-world units through camera calibration.
- Implemented in Python with OpenCV, integrating deep learning, signal processing, and data visualization.

### Gideon, Voice Assistant

- Built an AI-powered voice assistant in Python using speech recognition and NLP for natural interaction.
- Utilized transformer-based NLP models to improve intent recognition and conversational accuracy.
- Created custom command classification and response generation pipelines to expand assistant functionality.
- Optimized performance by Fine-tuned speech modules for faster and more reliable user responses.

### Personalized Learning Assistant

- Developed an AI-driven adaptive learning web app uses machine learning models to personalize lessons and quizzes based on user learning patterns.
- Implemented a recommendation engine using learner performance data to deliver tailored content and feedback.
- Designed predictive analytics modules to track knowledge growth and suggest targeted study materials.
- Applied data preprocessing and model evaluation techniques to improve learning outcome predictions and user engagement.

### Discord Clone

- Built a full-stack web app replicating core Discord features such as real-time messaging and user management.
- Implemented WebSocket technology for instant, real-time message delivery and efficient updates.
- Designed a robust database schema to manage users, servers, channels, and messages efficiently.

### Cryptojacking Attack Analysis

- Conducted an in-depth study on Cryptojacking attacks under guidance of Professor Maria Konte at Georgia Tech.
- Reviewed literature and case studies on the impact of Cryptojacking on system security and performance.
- Evaluated attack vectors and defense methods against unauthorized cryptocurrency mining.

## TECHNICAL SKILLS

MongoDB | SQL | Java | C++ | Python | JavaScript | TypeScript | NodeJs | ExpressJs | ReactJs | NextJs | OpenCV | NLP