

# Akeen Karkare

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## EDUCATION

### Stony Brook University

Bachelor of Science in Physics, Minor in Electrical Engineering  
Scholarship: Presidential Scholarship

Stony Brook, New York

August 2024 - May, 2028

### Millennium National School

High School

Pune, India

June 2022 - May, 2024

## TECHNICAL SKILLS

**Languages:** Python, Java, CSS, HTML, JavaScript, Scratch, Next.js, React Native, React.js, Three.js, Bash, C++

**Tools:** TensorFlow, SKLearn, Streamlit, Pandas, NumPy, Linux, Excel, PowerPoint, OpenCV, Supabase, Frappe

## RELEVANT EXPERIENCE

### Re:think Educational Systems (Intern)

April 2022 - May 2022

- Developed an OMR reading software during my internship, utilizing Python as the primary programming language to ensure efficient and accurate data processing.

### HybrowLabs (Intern)

May 2025 - August 2025

- Diagnosed and resolved bugs in a school ERP system, improving system stability and user experience
- Collaborated with senior developers to enhance product functionality

## PROJECTS & LEADERSHIP EXPERIENCE

### Asteroid (Discord Bot)

- Created a multipurpose Discord bot serving 70K+ users across 200+ servers, deployed via Heroku

### AI Exoplanet Detector

- Designed a machine learning model using JWST data with Scikit-learn & TensorFlow to classify exoplanets, applied astrophysical preprocessing pipelines

### StockAlerter

- Developed a real-time stock monitoring tool using EMA, SMA, and other technical indicators, integrating alerting features to notify users when thresholds were crossed

### YeetCode

- Built a gamified platform for LeetCode with interactive leaderboards, duels, and ranking systems, encouraged peer learning and competition among CS students

### Stunite

- Developed a social matching app for Stony Brook students, connecting peers based on shared interests and activities

## OTHER

**Languages:** Hindi (Native), English (Native), Marathi (Native), Spanish (Limited Proficiency)

**Interests:** Playing Soccer, Running, Gym, Playing Guitar, Video Games, Drums