

# Shubham Yadav

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## EDUCATION

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### Shaker High School

*Advanced Honors Diploma*

**2018-2022**

*Latham, NY*

- Founded various clubs associated with research, learning about programming, and finance

### Northeastern University

*Khoury College of Computer Sciences*

**2022-2026**

*Boston, MA*

- Studying abroad in London, UK during fall semester

## PROJECTS

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### Crop Yield Prediction Using Satellite Imagery

- Created a device that predicts crop yield using Satellite Imagery, Soil, and Climate Data
- Utilized neural networks to create a prediction model with high accuracy
- Presented at International Spellman HV Competition

### Relentless

- Created mobile productivity accelerating app; developed using Android Studio
- Designed using XML and provided function via Java
- Developed account log-in and registration system employing Firebase database
- Stored and managed user data using SQLite Databases

### Personal Website

- Personal website created using CSS, HTML, and Python
- Displayed personal information and achievements in an aesthetically pleasing manor

## AWARDS

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### North Colonie Kids Care Award

- Created website for elementary school students to provide resources for learning during pandemic
- Allowed parents to register and sign children up for tutoring sessions; 200+ volunteering hours accumulated
- Awarded by superintendent on behalf on the North Colonie School District

### International Spellman HV Competition Finalist

- Placed top 10 out of 600 competitors - awarded \$1000 & \$200 Research Stipend

### Shaker FRC Robotics Awards

- Received awards associated with the development and competition of a robot competing in multiple FIRST Robotics Competitions.
- Selected presenter for innovation team.
- Created new system of cable management for robot and taught new members

## SKILLS & INTERESTS

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- **Skills:** Java, Python, CSS, Android App Development, Firebase, HTML, React
- **Interests:** Music; soccer; tennis; yoga; traveling; volunteering; working out; photography; social events