

# Abu Ahmed

High school senior and incoming Computer Science major interested in leveraging website/mobile app development, machine learning, and data analysis to contribute to innovative and impactful projects.

## EXPERIENCE

### Impact Hacks, Virtual — *Lead Organizer & Website Developer*

AUG 2023 - NOV 2023

- Organized virtual hackathon from scratch. Attracted 150+ participants and secured \$2000+ worth of sponsored resources.
- Developed landing page at [www.impacthacks.xyz](http://www.impacthacks.xyz) using Next.js and Vercel.

### Pioneer Academics, Virtual — *Student Researcher*

JUN 2023 - SEP 2023

- Researched the use of machine learning to classify code vulnerabilities during software development.
- Used OpenAI API and scikit-learn to train several machine learning models to detect code vulnerabilities.

### Aptitude, NY — *Pre-Intern*

JUL 2023 - AUG 2023

- Derived business insights from 300,000+ customer service tweets from Citi Bank using NLP techniques such as topic modeling and sentiment analysis.
- Presented our findings to Citi executives.

## EDUCATION

### Bronx High School of Science, NY — *High School Diploma*

SEP 2020 - JUN 2024

- 4.0 UW GPA, 1570 SAT
- NHS, National Merit Scholar Finalist, AP Scholar with Distinction
- Coding for All, AP Computer Science A

### Princeton University, NJ — *BSE of Computer Science*

SEP 2024 - JUN 2028

## SOCIALS

[abua.vercel.app/](https://abua.vercel.app/)  
[abuahmed0821@gmail.com](mailto:abuahmed0821@gmail.com)  
[github.com/ad8](https://github.com/ad8)  
[linkedin.com/in/abu-ahmed-b5469b249/](https://linkedin.com/in/abu-ahmed-b5469b249/)

## AWARDS

### Meditata & All-Star Code 2023 TEI 1st Place Winner

Built note-sharing web app using JS, HTML, CSS, and Firebase.

### Bronx High School of Science's Atomhacks 2024 1st Place Winner

Built mobile healthcare app using React Native, MongoDB, Express.js, and OpenAI API.

### Google Play & All-Star Code 2024 TEI 1st Place Winner

Built mobile app for managing IBD using React Native, MongoDB, and Express.js.

## SKILLS

Python, Jupyter Notebook, JavaScript, HTML, CSS, TailwindCSS, Bootstrap, React.js, Next.js, MongoDB, Vercel, Firebase, Express.js, React Native, Node.js, C, Java, Kotlin, Git, GitHub, Postman, Visual Studio Code, IntelliJ, Android Studio, Figma