

Max Lee

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EDUCATION

Great Neck South High School

Sep. 2021 – June 2025

Computer Science Specialization

GPA: 4.0/4.0

- Activities: Programming Club, Varsity Cross Country
- Awards: USACO Silver, Honor Roll, Scholar Athlete
- Relevant Coursework: Data Structures, AP Computer Science A, Intro to Programming and Java

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, Swift, C#, C++, HTML/CSS, SQL

Frameworks/Libraries: React, React Native, SwiftUI, Next.js, Node.js, Stripe, Puppeteer, Firestore, chakra-ui, chart.js

Developer Tools: Git, Unity, jGrasp, Apache NetBeans, PostgreSQL, Figma, Xcode, WebStorm

EXPERIENCE

Trajectory

December 2023 – Present

Co-Founder

- Spearheaded the development of a website utilized by over **175,000** students helping them find extracurriculars
- Established strategic partnerships with 20+ content creators, expanding the platform's reach by **75%**
- Utilized **Python** and **Selenium** to web scrape real-time information on new extracurricular opportunities, ensuring the platform's content remained up-to-date

Freelance Work

May 2023 – Present

Freelance Developer

- Developed an informational site for school Science Olympiad team using **React**
- Designed a simple site that web scrapes random movies for their length website using **Puppeteer**

PROJECTS

EssaySwap | *JavaScript, Next.js, Stripe, Firebase, Figma*

essayswap.org

- Designed a peer to peer essay review platform for high school students with **Next.js**, accepting optional payment from users with **Stripe**
- Created a **real-time chat system** between students using **Firebase** allowing authors to receive more feedback on their essay
- Used **Figma** to iterate on sleek and intuitive UI/UX designs in order to help hundreds of essays

hackertype | *JavaScript, React, chakra-ui, Firestore, Firebase Auth, Puppeteer*

hackertype.dev

- Developed a full-stack coding typing test using **Firebase** for backend database with React as the frontend
- Implemented Email, GitHub, and **Google Authentication** to save and post user data on a live leaderboard
- Over **4,000+** users and 20,000+ test submissions

sleepscore | *SwiftUI, Firebase, Healthkit UI*

[GitHub](https://github.com)

- Created a mobile app using **Swift** to encourage better sleeping habits using a realtime leaderboard
- Integrated **Healthkit UI** to get real-time sleeping stats from the user's iPhone

TennisLove | *JavaScript, React Native, Firestore, Firebase Auth,*

[GitHub](https://github.com)

- Created a social networking application for tennis meetups, events, and matches
- Displayed event locations utilizing **Google Maps API**

EXTRACURRICULARS

Programming Club Captain

Sep. 2023 - Present

Great Neck South Programming Club

Great Neck, NY

- Coordinated club meetings, workshops, and events, ensuring smooth execution and active participation
- Delivered engaging and informative lectures on programming concepts, algorithms, and best practices during club meetings, fostering a deeper understanding among members.
- Organized successful competitive programming competitions, workshops, and networking events