

# JOSHUA LE

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## EDUCATION

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### New York University

September 2021 - December 2024

*Bachelor's Degree in Computer Science, Minor in Mathematics*

- GPA: 3.7/4.0
- Coursework: Natural Language Processing, Computer Security, Basic Algorithms, Data Structures, Computer Simulation, Operating Systems, Computer Systems Organization, Linear Algebra, Discrete Math
- Organizations: Dean's List (F22, S23), Tech@NYU, BUGS@NYU, HackNYU, Varsity Swim Team

## EXPERIENCE

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### Wayfair, Software Engineering Intern

June 2023 - August 2023

- Assigned Team: Personalization & Recommendations (Machine Learning)

### Apple, iOS Developer

June 2022 - May 2023

- Worked alongside the Business Process Reengineering (BPR) development team to track multiple KPIs and team communication across Higher Education & Channel Sales organizations
- Developed and successfully shipped 4 application features, resulting in a 47% increase in user engagement
- Reduced codebase warnings and errors by 93%, optimizing runtime speed and development efficiency
- Expanded the usability of an internal app's original iPadOS framework by extending support to include macOS

### SendBlue, Software Engineering Intern

September 2021 - April 2022

- Worked on the Core Platform Engineering team to develop a desktop gateway application using ElectronJS
- Recovered 250+ client accounts with the implementation of Firebase email authentication and password recovery

## PROJECTS

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### Debrief, Lead Designer and Developer

April 2023 - May 2023

- Created a LLM-based mobile application that serves user-curated news briefings based on recent news from RSS feeds, Twitter, and Reddit by utilizing Nomic maps (text embeddings) and OpenAI calls

### KarLine, Lead Designer and Developer

March 2021 - June 2021

- Built a React Native mobile application utilizing geofencing and database integration for K-12 dismissal systems

## LEADERSHIP

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### Tech@NYU, President & Mentorship Lead

December 2022 - Present

- Directed strategic initiatives and nurtured team collaboration for NYC's largest tech-focused student organization
- Mentored and matched tech-oriented mentees/mentors and led workshops centered around modern technology

### Apple, Campus Leader

May 2022 - May 2023

- Designed events, workshops, and integration methods centered around iOS development/Apple technology

## AWARDS AND HONORS

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NYC Generative AI Hackathon: 2nd Place Overall, Nomic Award, Quilt Labs Award

April 2023

HackNYU 2022: Best Creative Hack by Meta

February 2022

KleinHacks 2021: 1st Place Overall & Best First-Time Hacker Award

March 2021

## TECHNICAL SKILLS

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Languages	Java, Python, Swift, C, JavaScript, HTML/CSS, SQL, x86-64 Assembly, MATLAB
Technologies	Git, Xcode, Unix/Linux, Next.js, SwiftUI, Postman, React, Docker, Firebase