JOSHUA LE

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EDUCATION

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: Tech@NYU (President), BUGS@NYU (Eboard), HackNYU, Varsity Swim Team

TECHNICAL SKILLS

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

EXPERIENCE

Wayfair, *Software Engineering Intern*   June 2023 - Present
- Working on the Personalization & Recommendations (Machine Learning) Product Team
- Personalization Team tech-stack: Google Cloud Platform's Vertex AI, Apache Airflow, Java, and GraphQL

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 optimized 3 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

Debrief, *Lead Designer and Developer*   April 2023 - May 2023
- Created an 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
- Generated over 88,000 impressions on Twitter with a conversion of 100+ users on the app's waitlist

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
- Created an MVP and business presentation pitched toward the Texas Board of Education and interested investors

LEADERSHIP

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

NYU CAS Dean's List (F22, S23)   September 2022 - Present
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