
Keugene Lee

New York City

keugenelee11@gmail.com

914-839-4412

Projects

Wingmate | www.wingmate.live

- Built a full-stack AI-powered mobile web app with a **streaming AI coach** powered by **Claude Sonnet**, daily check-ins with **streak tracking**, a **community feed** with voting, and **Stripe**-managed **freemium subscriptions**
- Developed with **Next.js 16**, **TypeScript**, **React 19**, **Tailwind CSS v4**, and **Supabase** (Postgres). Deployed to **Vercel** with a **Trusted Web Activity** for the **Google Play Store** and full PWA support

daily | www.getdaily.live

- **Daily** is a **travel/lifestyle discovery app** that helps users find **attractions**, **restaurants**, and **nightlife** — powered by **AI** (Anthropic SDK) with a **React + Vite** frontend and **Express** backend, deployed on **Vercel**
- Monetized via **Stripe** with monthly and yearly pro plans, using **Supabase** for **auth** and **subscription storage**

Benefits Finder | <https://keugene11.github.io/benefits-finder/>

- Interactive tool that helps users discover **government assistance programs** they qualify for. Users answer a short questionnaire about household size, income, and employment status, and the app instantly **matches against 24 federal and state programs** (SNAP, Medicaid, housing vouchers, and more) with **estimated annual savings**.

Math

- Completed a Directed Reading Program in **Algebraic Geometry** under the mentorship of a Stony Brook University graduate student. (June–July 2025)
- Participated in the **Nesin Mathematics Village** (Şirince, Turkey), taking advanced courses in **Graph Theory**, **Number Theory**, and **Quadratic Fields**. (July 2025)
- Competed at the **International Mathematics Competition** (Sofia, Bulgaria). (August 2025)

Skills

React, JavaScript, Next.js, Node.js, Express, PostgreSQL, Firebase, Stripe API, OpenAI API, Git, Vercel, Claude Code

Education

Stony Brook University 2024-2025

Mathematics

- 3.6 GPA
- MAT 250 - Introduction to Advanced Mathematics, MAT 307 - Multivariable Calculus with Linear Algebra, MAT 308 - Differential Equations with Linear Algebra, MAT 315 - Advanced Linear Algebra, MAT 320 - Introduction to Analysis

Ardsley High School

3.9 GPA - 1510 SAT - 5's on 7/8 AP Exams - AP Scholar With Distinction