

# Baraq Lipshitz

New York, NY

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## Education

### NEW YORK UNIVERSITY

B.S. in Computer Science. GPA 3.97/4.0

Relevant Coursework: Data Structures & Algorithms in Python, Object Oriented Programming in C++, Calculus 2, Mechanics

New York, NY

May 2025

### STANFORD UNIVERSITY

Business and Innovation Intensive Studies. GPA 4.0/4.0

Emphasis on Entrepreneurship and Artificial Intelligence

Palo Alto, CA

May 2020 – September 2020

### REDWOOD HIGH SCHOOL

GPA 4.27/4.0, SAT 1560/1600 (99.5<sup>th</sup> percentile)

Redwood Honors Society 2017-2021

RHS Wrestling Team 2018-2020

Relevant and External Coursework: AP Computer Science in Java; CS50x – Computer Science, Harvard EdX, 2020;

Introduction to Business, De Anza College, 2020;

Awards: CSF Sealbearer - California Scholarship Federation 2021, AP Scholar With Distinction - CollegeBoard, 2020

Larkspur, CA

June 2021

## Experience

### LIGHTNING TECH

#### Founder of Technology Consultation Business

September 2017 – Present

- Generated \$20,000+ revenues and served 200+ customers providing tech consulting for individuals & small businesses
- Provided web dev & design services for eight local businesses, using SEO and dark pattern strategies
- Installed computers/internet and provided free lessons to impoverished immigrants for development of English skills
- Taught seniors computer skills to enable communication with family during coronavirus pandemic
- Wrote powerful advertisements to build a name-brand and gained an excellent reputation through word-of-mouth

### BELVEDERE-TIBURON LIBRARY

#### Technology Specialist – Paid Intern

Tiburon, CA

May 2019 – February 2020

- Developed free web-enabled 3D printing services hosted on a Raspberry Pi web server
- Coded educational VR experiences and facilitated educational events for the public, focusing on elderly
- Maintained educational Linux servers and laptop system using command line interfaces

## Projects

**FITME:** Ecommerce-focused style-board social media for unisex (server-connected iOS application)

<https://apps.apple.com/us/app/fitme-outfits-made-social/id1543589747>

#### Founder, Lead Developer

May 2020 – Present

- Taught self UX design and Swift to program 8,000 lines of code for iOS application and design interface
- Architected cloud backend with predictive algorithm, media storage, & authentication in Node.js+Firebase
- Engineered instant enriched direct messaging with a group chats feature
- Developed business plan using design thinking and market validation leading a team of 3

## Skills & Interests

**Technical:** C++, Python, Java, Swift, JavaScript, ReactJS, SwiftUI, Google Cloud Platform, Firebase

**Languages:** English (Fluent), Hebrew (Fluent)

**Awards:** \$1000 “Best Mobile/Web App” - Marin Hack4Health 2017

**Hobbies and Talents:** Taekwondo (Featured in newspaper twice and recognized as one of youngest in California to earn Third Degree Black Belt), CPR Certified, Wrestling, MMA, Certified Scuba Diver, Sailing, Drumming, Skiing