

Jeffrey Liang

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Education

Brown University, *GPA: 3.85/4.0*

Class of 2027 | Providence, RI

- Bachelor of Science (Sc.B.) - Computer Science & Economics
- Relevant coursework: Computer Systems, Designs and Algorithms, Intermediate Mathematical Microeconomics, Mathematical Econometrics, Managerial Decision Making, Wharton Online: Introduction to Financial Accounting

Work Experience

Xiaomi Technology, *Algorithm Engineer Intern*

Jun. 2024 – Aug. 2024

- Worked within Xiaomi's smart device R&D, testing and reporting on current leading generative AI models
- Formed 4 technical reports on the fundamental strengths within models, methods for inference improvement
- Assisted in pitching technical findings with compatibility to Xiaomi's hardware products to department executives
- Established an approved company project "On Device AI Accelerator" targeting AI specific hardware techniques

Kognitiv Edge, *Backend Developer Intern*

Feb. 2024 – Aug. 2024

- Developed and managed efficient testing, validation, and deployment of Azure-based applications
- Assisted in the Export, Redact, and Commit PowerApps Solution workflow, increasing efficiency by a relative 20%
- Increased efficiency by 20% in 3 separate backend workflows by developing and integrating new tests and features
- Automated environment setup using IaC, reducing overall Deploy All Resources workflow by 25%

[Blue Harbor](#), *Cofounder*

Aug. 2022 – Present

- Co-founded Blue Harbor, an organization dedicated to combating the lack of autism-support services across China
- Defined a framework for creating autism-friendly videos, gaining presence in 7 highschools with 200+ members
- Collaborated with 10 autism service centers to consult experts, host charity events, and autism employment events
- Distributed over 100+ created videos since Blue Harbor's creation and raised \$6000 in 2024

Extracurricular Involvement

Brown Technology and Consulting Group, *Project Lead*

Jan. 2024 – Present

- Helped increase sales by 20% for company DayGuard, serving an alcohol-aid and liver protection jelly stick product
- Managed a team of 7 across 3 workstreams of digital expansion, campus ambassadorship and in-person retail
- Secured 4 retail opportunities in Rhode Island by conducting in-person outreach to 20+ eligible retail stores
- Presented work stream findings to DayGuard CEO and scoped 3 additional tasks weekly to fulfill project outline
- Maintained DayGuard connections with 17+ campus ambassadors and 10+ UGCs partnerships

[Beya: Small Business Assistance App](#), *Technical Development Lead*

Sep. 2024 – Present

- Lead technical development for Beya, a B2B app supporting small mobile businesses
- Constructed proximity-based features, minimum-fee transactions, inventory management – served 20+ local vendors
- Built AWS, Expo, and Firebase app infrastructure, currently supporting 12 monthly users in Beya's beta version
- Processed 1000+ sales transactions, using direct customer feedback from 8 events to implement 20+ features/fixes
- Currently processing Apple's official Tap-to-Pay Certificate

Innovation Dojo Program, *3rd Place Pitcher*

Feb. 2024 – May. 2024

- Selected to participate in Brown's only student-run startup accelerator to create and present a startup idea
- Interviewed 10 primary care and specialist doctors to validate "Docferral," a e-referral platform for private practices
- Analyzed 4 health components across 5 telemedicine and e-referral companies, highlighting Docferral's advantages

Awards & Publications

[Publication by The Journal of Applied Mathematics and Computation](#)

Jun. 2023

- Researched methods for optimizing transportation systems to improve efficiency and resource allocation

2nd Place and Most Innovative Project at DFC(Design For Change) China

Aug. 2022

- Presented at national science competition, project "SSD Vision-Assisted Narrow Pathway Anti-Accident Vehicle"

Skills & Interests

- Technical skills: Javascript, Swift, Python, MySQL, AWS, Microsoft Office Suite, HTML
- Languages: Chinese (Native proficiency)
- Interests: Tennis, Personal Fitness, Short Fiction Writing, Morning Meditation, Pokemon Go