

Guanbo (Gabriel) Wang

617-366-9024 | gabriel@gbwang.me | gwang80@jh.edu

EDUCATION

Johns Hopkins University

Undergraduate Student

Expected May 2030

Boston Trinity Academy

High School Diploma | GPA: 3.93/4.00 | SAT: 1590

Sep 2023–Jun 2026

Selected honors: Harvard Book Prize (2025); Robert H. Bradley Award (2026); Math Department Awards and Headmaster's List (2024–2026); John Locke Essay Competition Commendation (2024)

Advanced coursework: AP Calculus BC; AP Physics C (Mechanics; Electricity & Magnetism); AP Biology; AP Chemistry; AP Statistics

RESEARCH EXPERIENCE

MIT Media Lab

Research Assistant

Aug–Sep 2025

- Designed experimental protocols, configured research devices, scripted data-collection workflows for biomedical studies, and participated in weekly lab meetings to discuss study progress and findings.
- Processed and annotated patient sleep datasets collected from wearable sensors, improving data usability for analysis.
- Assisted reorganizing the lab's sleep-study database and coordinated with the National Data Archive (NDA) to submit a public dataset.

ACTive Minds: ADHD Diagnosis via AI

Research Initiator & Lead

Oct 2023–May 2026

- Initiated research on deep-learning analysis of public neuroimaging datasets for AI-assisted ADHD diagnosis.
- Trained models, gathered user feedback, and iterated on the supporting app and startup concept.
- Earned Honorable Mention at the 2025 Massachusetts Science Fair and the 2024 Model Entrepreneurship Competition.

PROJECTS & LEADERSHIP

Sequi — Animal Conservation Donation Startup

Co-Founder & CTO

Jul 2024–Present

- Co-developed an iOS app that lets donors follow GPS-tagged animals; built backend systems with AWS API and a SwiftUI experience integrating donations, tracking, and gamification.
- Partnered with conservation nonprofits, including MarAlliance, to obtain tracking data; directed 30% of revenue to partner organizations and led promotion via Kickstarter and Instagram.

Academic Prefect & Ad Ludum Honor Society

Boston Trinity Academy | Student Leader

Aug 2025–Jun 2026

- Directed school-wide tutoring: trained peer tutors, managed tutor-student pairings, and organized SAT prep and exam-review sessions.
- Planned and hosted academic enrichment events, including a faculty lecture series, alumni talks, academic chapel, and Ad Ludum activities such as themed lectures, cultural visits, and concerts that promoted a love of learning across the student body.
- Chaired Academic Council meetings, interviewed Honor Society candidates, and organized faculty, alumni, and cultural programs with school leadership.

University of Pennsylvania

Management & Technology Summer Institute | Participant

Jul 2025

- Selected for a highly competitive (~6% acceptance) program combining business, engineering, and entrepreneurship.
- Completed intensive for-credit coursework in entrepreneurship and engineering design under UPenn faculty guidance.
- Built an app-and-firmware prototype with a five-person team to help people find friends in crowded spaces; produced the marketing video that won the Best Video Award.

ADDITIONAL EXPERIENCE

School Drama Club

Lighting Designer & Director

Aug 2023–Jun 2026

- Led lighting design and direction for school drama productions, collaborating with directors to create atmospheres aligned with scripts and character moods.
- Operated lighting for major school events, including culture shows, choir nights, award ceremonies, and the annual donation dinner.

Boston Cares

Volunteer

Jun 2024–Present

- Assisted blind students during prom at Perkins School for the Blind.
- Supported event promotion for the Asian Music Festival and organized *The Starting Point* charity art show.
- Accumulated verified volunteer hours across multiple community service projects in Greater Boston, including tutoring at X-cel Education.

SKILLS

Programming: Python, Swift/SwiftUI, Java, C++, TypeScript

Tools: Git/GitHub, Linux, Xcode, Visual Studio Code, Jupyter Notebook, LaTeX, API development, AWS and Oracle Cloud

Languages: Mandarin (native), English (proficient), Spanish (conversational)