

# Keizo Katayama

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## EDUCATION

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**Tufts University**, Medford, MA, May 2027, Mechanical Engineering Major

GPA 3.85, Dean's List

**Extracurriculars:** Japanese Culture Club, New England Japanese Intercollegiate Network, Tufts Solar Car, Club Volleyball, Tufts Symphony Orchestra, Freshman 15 Jazz Band, Intramural Sports

**Relevant Coursework:** Mechanics, Materials & Manufacturing, Computer-Aided Product Design(Solidworks), Thermal fluids, Electronics & Controls, Engineering Design, Multivariable Calculus, Differential Equations, Intro CS (C++)

## WORK EXPERIENCE

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**Japanese Children's Society (IKUEI) Summer Camp**, Englewood Cliffs, NJ, July 2023 - Aug 2023

*Camp Counselor/Assistant Teacher*

- Guided 20 campers in activities promoting personal growth, teamwork, and daily skills.
- Taught in a daily swimming program and coached in an after-camp baseball program.

**Senior Week & Commencement - Tufts Dining**, Tufts University, May 2024

*Dining Services Catering Team*

- Assisted in event setup and breakdown for large-scale graduation and commencement ceremonies.
- Provided attentive customer service to guests, ensuring a smooth and enjoyable dining experience.

**Fort Lee Parking Authority**, Fort Lee, NJ, May 2023 - Aug 2023 / May 2024 - Aug 2024 (Seasonal)

*Maintenance*

- Collected and processed parking meter payments; performed minor repairs and troubleshooting on parking meters to ensure proper functionality.

**Tokugawa Restaurant**, New York, NY, May 2025- August 2025

*Server*

- Delivered attentive service in a fast-paced Japanese sushi restaurant, strengthening communication and multitasking skills while ensuring guest satisfaction.

## LEADERSHIP

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**New England Japanese Intercollegiate Network (NJIN)**, Tufts University, Sept 2023 – present.

*Tufts Representative*

- Planned and coordinated events run by NJIN for university students in the greater Boston area and provided facilitation to participants of each event.

**Men's Club Volleyball**, Tufts University, Sept 2024 - present.

*Social Chair (Sept 2024 - May 2025)*

- Planned and coordinated social events and networking opportunities with other clubs to build intercollegiate connections.

*Co-Captain (Sept 2025 - present)*

- Provided leadership to club members and seamlessly worked with co-captains to manage logistical operations, including scheduling, event coordination, and financial planning/budget management.

## PROJECTS

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**Solidworks Hand Mixer**, Tufts University, February 2025

- Conducted a complete project teardown of a hand mixer, analyzing internal components and mechanical functionality.
- Took precise measurements and developed an exact Solidworks replica, including all internal parts, demonstrating proficiency in CAD modeling and reverse engineering.

**Adaptive Hairbrush for Cerebral Palsy Client**, Tufts University, February 2025

- Collaborated in a team of three to design a specialized hairbrush for an 11-year-old client with cerebral palsy, addressing mobility limitations.
- Conducted user research and testing to understand ergonomic challenges and applied human-centered design principles to create a brush that enhances reach and usability.

**Tufts Solar Car Project**, Tufts University, September 2025

- Conducting carbon fiber infusions with the composites team to build and prepare components for the solar car.

## SKILLS & INTERESTS

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**Computer:** SolidWorks, basic circuitry, PCB Design

**Language:** Fluent in both English and Japanese

**Interests:** Skiing, Classical/jazz trombone, baseball, basketball, volleyball, hiking