Mutsumi Hata
Software Engineer
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LinkedIn | GitHub | Portfolio

PROFESSIONAL EXPERIENCE

HopeMakers Collective, *Member*   **May 2024 – present**

· Development of a mobile app to help users establish and sustain habits through the support of their community
· Development of a community web hub

Parsity, *Student Software Engineer*   **Jan 2024 – present**

· Built applications using the MERN stack, implementing dynamic filtering, pagination, and user authentication to enhance user experience, backend inventory system using MongoDB, and Swagger API documentation.

Airbnb, *Superhost*   **2019–2023**

· Transformed a $400 property into a $1M luxury Stowe ski chalet by leveraging strategic renovations, marketing, and guest experience enhancements.
· Achieved and maintained Superhost status for 4 consecutive years, earning consistent 5-star reviews and building a loyal guest base through attention to detail, exceptional communication, and personalized service, resulting in a high occupancy rate, return clients, and increased revenue.

Boston Children's Hospital, Boston, MA, *Lab Administrator*   **2010–2013**

· Responsible for ensuring accurate execution of grant requirements and compliance across $2.5M+ in annual biomedical research funding, enabling the lab to consistently meet funding objectives.
· Established an organized and efficient workflow for a high-performing Harvard professor, empowering her to focus on driving successful grant applications and groundbreaking publications.
· Oversaw budgetary and onboarding processes for 20+ lab personnel, streamlining the integration of undergraduates, postdoctoral fellows, and international researchers.

MIT Media Lab, Cambridge, MA, *Program Manager, Center for Future Banking*   **2008–2010**

· Managed a $5M research budget with precision, balancing resource allocation among 300+ research projects to connect sponsors with initiatives that maximized value and strengthened partnerships.
· Directed planning and execution of 5-10 sponsor engagement events monthly, fostering high-impact collaborations between academic researchers and corporate executives.
· Recruited and led a team of administrative staff, ensuring seamless execution of sponsor visits and operational logistics.

MIT Media Lab, Cambridge, MA, *Administrative Assistant*   **2007–2010**

· Delivered financial oversight for an $800K annual research group budget, maintaining compliance with grant requirements and ensuring financial health.
· Built and led a team of 12+ transcribers for a complex multi-year data tracking project, delivering high-quality results under strict timelines.

EDUCATION
Parsity, online, *Full Stack Software Engineering Program*
Smith College, Northampton, MA, *Bachelor of Arts in Anthropology; Minor in International Relations*