

**Arman Kassam**  
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EDUCATION

**Tufts University** - Medford, Massachusetts, United States September 2023 – May 2027  
Computer Science and International Relations Double Major

- 3.97 GPA, Dean’s List 4x, Hemispheres Managing Editor, Tufts Debate Society Treasurer + Mentor, JumboCast commentator
- **Relevant Coursework:** Data Structures, Algorithms, Machine Structure & Assembly, Data Science

EXPERIENCE

**AirPLAi Sports** - Seattle, Washington, United States (Remote) September 2025 – Present  
*Software Engineer*

- Tech lead for a **full-stack React custom dashboard** with multi tenant architecture which generates **\$75,000** in annual per client revenue
- Designed and **built airplaisports.com** using Figma, Figma MCP, Next.js, and GCP Cloud Run
- Architected **agentic** data retrieval system for **flagship AI product**, serving up to **1K daily AI-powered** queries with **700ms target latency**

**Data Driven Decision Making @ Tufts (D3M@Tufts)** - Medford, Massachusetts, United States January 2025 – Present  
*Undergraduate Research Assistant*

- Developing Engineering Diplomacy, a problem-solving framework which **integrates numbers and narratives** to tackle complex problems
- Managing Harvard student researchers as part of the **Radcliffe Fellowship** to complete the Engineering Diplomacy book

**Ludus Language** - New York, New York, United States (Remote) September 2025 – November 2025  
*Founding Engineer*

- Led **technical development and infrastructure** for a new language-learning platform focused on simplicity and targeted learning
- Created and integrated wikiglot, decreasing **hosting costs by 50%**, increasing **search accuracy by 30%**, and adding **11 languages**

**Cerebro Sports** (a Mark Cuban company) - Fourney, Texas, United States (Remote) February 2025 – September 2025  
*Software Engineer Intern*

- Led automation of data upload and validation process, reducing time per upload by **97%** with **TypeScript + Python**
- Completed redesign of new database schema, **increasing query performance by 50%** through relationship restructuring and indexing
- Managed the **database backfill process** from the old **SQL** database to the new **GraphQL** one, ensuring **100% data integrity**

SKILLS

**Programming Languages:** Python, C++, C, JavaScript, TypeScript, SQL, SQLite, Swift, HTML, CSS  
**Libraries and Frameworks:** React, Arduino, GraphQL, Pandas, SwiftUI, Next.js, Node.js, REST  
**Software & Tools:** Monday.com, GCP, Supabase, Vercel, WebFlow, Wordpress, Canva, Microsoft Excel, GitHub, Figma  
**Languages:** English (native), Spanish (DELE B1, advanced), French (DELF B1, intermediate), Italian (beginner)

PROJECTS

**Wikiglot** — free & open-source translation API (TypeScript, Node.js)

- Engineered a multilingual translation API with **350 weekly downloads** built on Wikimedia HTML dumps to replace paid dictionary APIs
- Published as an NPM package and **open-sourced on GitHub**, enabling developer collaboration and ongoing community contributions

**Safar iOS App** — social travel app (Swift, SwiftUI, Foundation Models)

- Built a city-ranking social app where users compare cities using binary search and share ratings, photos, and notes with friends
- Integrated Apple’s new **Foundation Models** to generate AI travel recommendations personalized by friends’ preferences

**Text-to-Braille** — **hackathon-winning** accessibility device (Arduino, C++)

- **Won Mad Hacker Track** at JumboHack 2025 for innovation in accessibility technology
- Developed a hardware-software system that converts digital text or PDFs into physical braille using mini servos and Boost ASIO

LEADERSHIP EXPERIENCE

**Tufts Student Life** January 2025 – September 2025  
Global Orientation (international student orientation) Coordinator

- Planned and coordinated a **\$65,000 budget**, logistics, catering, events, venues, and transportation for **200 participants**
- Recruited and trained a **32-person peer-leader team** to lead their groups and welcome the students to Tufts