

Tate Park

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EDUCATION

Harvard Graduate School of Education

Master of Education in Learning Design, Innovation, and Technology

Jul 2025 - Jun 2026

Cambridge, MA

University of Pennsylvania

Bachelor of Science in Engineering, Mechanical Engineering Major, Robotics Concentration

Sep 2021 - Jun 2025

Philadelphia, PA

- **GPA: 3.92/4.0**

EXPERIENCE

Grounds: Outreach Platform for Community Organizations

Oct 2025 – Current

Founder - groundsus.com

- Designed and built a participatory mobile platform that helps community organizations strengthen local engagement, amplify resident voice, and connect neighbors to programming in their area.
- Conducted 20+ discovery interviews with staff at Cambridge Community Development Department, Cambridge Public Library, Cambridge Community Center, and local businesses, identifying fragmented outreach workflows and a lack of channels for resident input as core barriers to civic participation.
- Designed content architecture and automated pipeline syncing event data across 7 Cambridge Public Library branches, translating fragmented institutional workflows into standardized, resident-facing formats.
 - **Stack:** React Native, Supabase

Harvard Graduate School of Education – AI Center Initiative

Dec 2025 – Current

UX Researcher / Engineer, Team of 4 reporting to HGSE Dean

Cambridge, MA

- Working with HGSE deanship to formulate a pilot for a new AI center, focusing on both short and long-term strategy for positioning HGSE as a leader in AI in education.
- Conducting stakeholder research with HGSE faculty and students to inform the design of pilot, synthesizing interviews into a strategic direction focused on community-driven learning and collective innovation.
- Designing and prototyping a digital pilot platform for faculty, students, and alumni to share AI practices and build collective literacy, positioning the center as a community of practice.

CATES Tutoring

Aug 2025 – Jan 2026

Learning Experience Designer

Cambridge, MA

- Conducted user research with tutors, students, and families at CATES Tutoring, an NYC-based academic and test prep company, to inform the product strategy for TutorNow, a new AI-enabled tutoring platform — identifying team-based support, belief cultivation, and holistic mentorship as core differentiators to preserve at scale.
- Delivered product strategy report recommending how to preserve high-touch relationships at scale through tiered support teams and tutor recruitment criteria.

Access Engineering

Dec 2023 – Dec 2024

President

Philadelphia, PA

- Led Penn's student-run engineering education organization, managing 51 student-instructors and a leadership board to deliver programming for 100+ high school students per semester.
- Piloted community-based problem solving curriculum in partnership with Penn Urban Education faculty — increasing participating students' intent to pursue engineering college pathways by 20%.

GRASP Robotics Lab, University of Pennsylvania

Sep 2021 – Aug 2023

Mechanical Design Researcher

Philadelphia, PA

- Led mechanical development of a water jet-propelled swimmer robot, conducting rapid prototyping and testing of electro-mechanical systems.
- Co-authored paper submitted to IEEE RoboSoft 2024 Conference.

SKILLS/AWARDS

- **AI Tools:** Claude Code (custom agents for research & project management; skills and knowledge base authoring), Cursor, OpenAI (LLMs, embeddings), pgvector
- **Languages:** Python, JavaScript, SQL
- **Frameworks:** React, React Native, Flask
- **Platforms:** Supabase (Postgres)
- **Awards:** Fulbright English Teaching Awardee, South Korea (2025) | Ralph Teetor Award, Penn Engineering (2025)