

Skills and Interests

Programming: C#, C++, Python

Languages: Fluent in English and Spanish

Interests:

- Mechanical System Design
- Playtesting-focused Iterative Design
- Analytical problem solving

Work Experience*Broad Institute*, Cambridge, MA

Sep 2023 – Dec 2023

Comparative Medicine Technician II

- Assisted with several months-long experiments involving rodent behavioral monitoring and drug administration.

Jean Mayer USDA Nutrition Research Center, Boston, MA

July 2022 – Sep 2023

Senior Animal Technician

- Trained and managed the departmental team consisting of technicians and graduate research students as we maintained a research mouse core of several thousand mice
- Performed veterinary nursing and research support tasks, such as: rodent breeding, blood collection, oral gavages, Subcutaneous Intramuscular Intravenous and Intraperitoneal fluid injections, anesthesia application, necropsy, DEXA and MRI scanning, dissections, and hydration and nutritional intake maintenance.

Harvard Medical School, Boston, MA

July – Dec 2021

Research Technician

- Participated in weekly meetings analyzing relevant neuroscience research developments for usage in current experiments
- Restructured advanced neural networks in a mosquito antennal lobe using advanced software on an electron microscopy dataset.

Education*Northeastern University*, Boston, MA

Jan 2025 – Dec 2026

M.S. in Game Science and Design

Northeastern University, Boston, MA

May 2023

B.S. in Physics