

ROYI ROZEN

New York City, NY | +1 347-880-0435 | rr789@cornell.edu | US Citizen

[LinkedIn](#) | [Portfolio](#) | [Company](#)

Product-focused M.S. student passionate about leveraging technology and user-centered design (UX/UI, Figma, Prototyping) to build impactful solutions. Experienced in translating user feedback and stakeholder needs into intuitive product features and scalable applications. Proven ability in cross-functional collaboration, AI/ML concept evaluation (Python), and driving product adoption through effective demonstrations. Eager to contribute product management skills to help platforms empower international communities.

Relevant Skills: Product Design | User Experience (UX) & User Interface (UI) | Figma | Prototyping | AI/ML | Data Analysis & Visualization | Community Building | Cross-Functional Collaboration | User-Centered Design | Python | Stakeholder Communication | Solution Design

EDUCATION

Cornell Tech (Cornell University)

Aug 2024 - May 2026

Dual M.S. in Computer & Information Science (Cornell) & Applied Information Science (Technion), Connective Media concentration
William & Barbara Dahl Master's Fellowship for significant academic accomplishment

Relevant Coursework Machine Learning, Computer Vision, HCI & Design, Psychological & Social Aspects of Technology

Tel Aviv University

Oct 2018 - May 2023

MFA & BA in Digital Media (Cum Laude, GPA: 3.87)

Specialization: 3D Engines & HCI Design

TECH STACK

Design & Prototyping:

Figma, Unity, Unreal Engine, Streamlit, WebXR, ShapesXR, Blender, Adobe Suite, CSS

AI & Data Analysis:

Python, Jupyter Notebook, Google Colab, LLM Interaction & Prompting (ChatGPT, Google AI Studio), Cursor, Replicate

Development & Scripting:

C#, Python, JavaScript, React, Next.js, HTML, Three.js, Stable Diffusion, ComfyUI

Collaboration & Workflow:

Jira, Microsoft 365, Notion, ArcGIS, Davinci Resolve

EXPERIENCE

AIRLab | XR & AI Researcher (Cornell Tech)

Dec 2024 – Present

- Analyzed and evaluated multiple AI models (LLMs) to optimize performance for structured data extraction, directly relevant to improving AI-driven features like chatbots or smart matching.
- Developed and implemented testing workflows to validate AI model accuracy and performance, contributing to reliable product outcomes.
- Communicated complex technical findings regarding AI performance to diverse stakeholders (via publication).

ARoundU | Founder

Jan 2022 - Present

- Founded company designing XR solutions focused on community engagement in public spaces
- Translated user feedback and stakeholder requirements into actionable feature specs for scalable XR solutions.
- Led end-to-end product design and development, managing cross-functional technical and creative teams to deliver solutions. [Link](#)

XR Collaboratory | XR Researcher (Cornell Tech)

Aug 2024 - Dec 2024

- Designed and delivered low/high-fidelity prototypes (Figma, Unity) for a next-gen XR social platform, demonstrating collaborative spatial interaction concepts.
- Analyzed existing AR platforms to identify UX gaps; developed and validated solution prototypes (Unity, Google Maps API) via live pilot studies. [Link](#)

GrayMatters Health | User Experience Designer

May 2022 - Aug 2022

- Designed intuitive UI/UX for BCI healthcare therapy (PTSD), translating complex technical data (EEG) into actionable user interfaces.
- Collaborated cross-functionally with research/clinical teams to deliver validated design solutions, accelerating clinical testing timelines.

Sagol Brain Institute | Virtual Reality Designer & Project Manager

Mar 2022- Jun 2023

- Managed the design and development (Unity, C#) of interactive VR healthcare applications, focusing on intuitive user experiences for therapeutic interventions.
- Prototyped and implemented interactive 3D VR scenarios, analyzing user interaction data to optimize therapeutic effectiveness. [Link](#)

Caesarstone Ltd | Augmented Reality Consultant

Jun 2024 - Dec 2024

- Advised leadership on AR technology adoption, demonstrating tailored product visualization solutions to enhance customer engagement
- Secured cross-functional buy-in by delivering compelling AR demonstrations outlining technical feasibility and business value. [Deck](#)

Community Building & Event Leadership

Founder & Manager, BigRedXR & LLM Clubs (Cornell Tech): Founded and grew two technical communities (100+ members each), fostering cross-functional collaboration and organizing regular meetups and events.

Organizer, 'People in XR' Event Series: Designed and executed events bridging students with industry professionals for mentorship and networking, featuring speakers from companies like **Google** and **NVIDIA**.

Organizer, MediaTech Summit: Currently organizing a major convention connecting students with professionals from leading tech companies (e.g., Meta, Adobe, Snap, Google) to build professional community and share insights.

Student Ambassador, GenAI Collective: Actively leading an event series called "Research Roundtable" within the world's largest AI community.

PROJECT LEADERSHIP

Co-Founder & Product Lead, DemocracyAR: Co-founded and led product design for an AR civic engagement campaign, creating prototypes that won 2 hackathons.

Project Lead, Zikim AR Tour: Led an 8-person cross-functional team in designing and launching 10 AR stations showcasing archival heritage content

IDF | Company Sergeant Major |

Mar 2013 - Mar 2016

- Supervised and trained a platoon of 85 artillery soldiers as one of five senior commanders.

Languages: English (Fluent), Hebrew (Native), Spanish (Basic)