

YONATAN ROZIN

INTERACTIVE TECHNOLOGIST, WEB DEVELOPER

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EXPERIENCE

Lead Creative Technologist | Kat Mustatea Studio

JAN 2023 – PRESENT

- Designed and developed a bespoke digital instrument and wireless show control network for a live multimedia theater work, securing over \$20,000 in grant funding.
- Tech used: HTC Vive Trackers, Node.js, Python script, frontend UI built with React w/ TypeScript and custom-made audio synthesis software based on Pink Trombone
- Communicated frequently with client and performers to refine aesthetic properties and maximize usability
- Finalist in the 2024 Guthman Musical Instrument Competition and 2024 Lumen Prize "Interactive-Immersive" category

Web Developer | UCLA Art|Sci Center

FEB 2025 – PRESENT

- Managing and developing multiple domains, websites and archives for the UCLA Art|Sci Center, used by 100s of yearly students, local artists and visitors
- Communicating with faculty and staff to modernize existing interfaces, develop a robust WordPress CMS to display information about local events, artists and venues and use the WP REST API to synchronize a mobile app with up-to-date event details

Web Developer, Co-founder | PeopleGuess

NOV 2024 – PRESENT

- Prototyped and developed PeopleGuess, a gamified social-media platform.
- Tech used: Node.js, PostgreSQL database, Socket.io, frontend built in React with TypeScript. Cloud-hosted on DigitalOcean.

Adjunct Instructor | NYU Tisch - Interactive Telecommunications Program (ITP)

JAN 2024 – MAY 2024

- Taught "Connected Devices and Networked Interaction", a 14-week, graduate-level course with 16 students
- Topics included wireless communication, IoT protocols, and back-end server-side scripting tools including TCP/IP, Bluetooth, Node.js and cloud hosting

Research Resident | NYU Tisch - ITP

AUG 2022 – AUG 2023

- A 1-year post-graduate residency offered to a selection of ITP graduates. Residents work as part-time staff at ITP and assist with various departmental needs and receive funding towards the development of their personal practice
- Offered weekly help sessions and one-on-one office hours for students, with topics including introductory physical computing and computational media

EDUCATION

MPS | NYU Tisch – Interactive Telecommunications Program (ITP)

2020 – 2022

BM – Percussion Performance | Johns Hopkins University – Peabody Institute

2016 – 2020

SKILLS

- Front-end (HTML, CSS, JS/TS, React, WordPress)
- Back-end (Node.js, cloud hosting, IoT)
- Embedded computing (Arduino, Raspberry PI, ESP32)
- Electronics, circuitry, soldering
- Fabrication (laser cutting, 3D printing, hand tools)
- Real-time multimedia (TouchDesigner, Max/MSP, P5.js, THREE.js, OpenFrameworks)
- Python (PyTorch, TensorFlow)
- Creative problem solving, troubleshooting
- Task & detail-oriented
- Effective Communication
- Adaptability, learning new skills/tools
- High-pressure performance/time management
- Teaching/instruction