

River Ramirez

New York, NY | Email: LR3546@nyu.edu

PROFESSIONAL SUMMARY

Technical Product Designer with an engineering foundation and experience spanning product development, UX design, software development, creative technology, and research. Combines programming and systems thinking with user-centered design to prototype and build digital products and interactive experiences. Experienced working across technology, healthcare, research, and entertainment environments.

EDUCATION

New York University Tandon School of Engineering

Bachelor of Science, Integrated Design and Media

New York, NY

Expected 2027

Temple University College of Engineering

Bioengineering

Philadelphia, PA

SKILLS

Programming Languages: JavaScript, Python, Java, MATLAB, HTML, CSS, Git/GitHub

Design & Technical Tools: Figma, Adobe Creative Cloud, Arduino, Canva, Microsoft Office Suite, Systems Thinking, UX Prototyping, Google Workspace, CAD, Claude LLM, Cursor LLM

EXPERIENCE

Undergraduate Researcher

Temple University Tissue Imaging and Spectroscopy Lab

Fall 2023 - Spring 2025

Philadelphia, PA

- Gained hands-on experience with Fourier-transform infrared (FTIR) spectroscopy and cellular imaging, analyzing spectroscopic and imaging data to identify patterns and interpret experimental results.
- Interpreted spectroscopy-derived graphs and quantitative data, developing an understanding of how experimental measurements translate into visual and analytical outputs.
- Assisted with bone density analysis of rat femurs, gaining experience with biomedical instrumentation and quantitative assessment of bone characteristics.

Physical Therapy Aide

CEM Physical Therapy

May 2021 - May 2025

Clifton, NJ

- Organized fundraiser affiliated with St. Jude Children's Research Hospital, raising over \$1.2k
- Guided up to 70+ patients per shift, applying knowledge of anatomy and therapeutic protocols in a regulated clinical environment and managed front-desk operations, including patient scheduling, insurance coordination, and provider communication.

Marketing Intern

S.O.B.'s (Sounds of Brazil)

May 2026 - Present

New York, NY

- Proposed geofencing workflows and native digital wallet integrations to automate ticket retrieval on user lock screens upon venue arrival, cutting down entry bottlenecks.
- Moderated the company website following SEO and AEO protocols and data analysis, and mediated event listings, ultimately improving participant engagement and event attendance.
- Brainstormed implementation of "Semrush" for AI marketing, as well as began development for improving website UI to further improve SEO.

Undergraduate Teaching Assistant

Temple University College of Engineering

Fall 2024 - Spring 2025

Philadelphia, PA

- Mentored 50+ undergraduate students through one-on-one office hours, translating complex engineering concepts into accessible explanations to support course delivery in programming and web development and applied analytical problem-solving frameworks to instructional contexts.