

# Juliana Soranno

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## EDUCATION

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**New York University**, *Tandon School of Engineering, Brooklyn, NY*

**B.S. Computer Science**, Minor in Game Engineering, Dean's List

## WORK EXPERIENCE

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### Front End Engineer

*Jan 2024 – July 2024*

Everyrealm Inc, *New York, New York*

- Architected and maintained the front end of Everyworld, a high-performance Web3 application serving 30,000 active users, using React.js, Next.js, TypeScript, Zustand, and Tailwind CSS.
- Executed comprehensive testing, debugging, and deployment of a dynamic codebase with numerous evolving features, ensuring seamless adaptation and continuous improvement using GitHub for version control and Vercel for deployment.
- Translated complex Figma designs into responsive, reusable React.js components, integrating features like account settings, crypto wallet connection, home pages, landing pages, profile pages, pop ups, and player tier/badge systems.
- Collaborated with backend developers to integrate AWS Lambda, DynamoDB, and API Gateway, significantly boosting application performance and scalability.

### Coding Instructor

*Aug 2022 – April 2023*

Penguin Coding School, *Brooklyn New York*

- Instructed classes of 2-25 students at 4 different expertise levels in Python, Roblox, Scratch, and JavaScript
- Created custom lesson plans at varying experience levels based on student interests

## PROJECTS

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### Lead Front End Engineer

*Sep 2022 – May 2023*

FoodShare, *a web application to help colleges dormitories manage food pantries, team of 4*

- Designed and implemented a dashboard style user interface to manage personal data, requests/donations, pantries, and inventories in HTML.
- Customized and coded 2 login pages and 6 web pages with multiple forms, buttons, display tables, and metrics involving item requests/donations, inventory management, and food pantry management.

### Lead Motion Capture Artist and Technical Designer

*Jan 2023 – May 2023*

Ember Point, *a third person combat focused action game built in Unreal Engine 5, team of 11 (shipped on Steam)*

- Directed, captured and processed 16 performance capture shots including retargeting, characterizing, and blueprinting for 2 in-game cutscenes and cinematic trailer.
- Co-designed and implemented 1 of 3 levels: gray-boxed fountain and train yard, blueprinted doors opening, cables lighting, and animation/cinematic triggers, 3D modeled and blueprinted procedurally generated cables and exploding targets in Blueprints Visual Scripting.

## TECHNICAL SKILLS

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**Web Development:** React.js, TypeScript, Next.js, Zustand, Tailwind CSS, CSS, JavaScript, HTML, Vercel, Python, C++

**Video Game Development:** Unreal Engine 4 & 5, Unity 2D/3D, Unreal Engine Blueprinting, C#, OptiTrack, Motive, Adobe MotionBuilder, Adobe PhotoShop