

# Alessia Bellisario

alessia@bellisar.io · <https://aless.co>  
Full Stack Web Engineer

LinkedIn · GitHub  
New York or Remote

## SKILLS

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- **Specialties:** ESNext JavaScript, TypeScript, React, Node.js, Next.js, GraphQL, Webpack, Testing Library, Jest
- **More Tools and Languages:** Gatsby, Prettier, Preact, MongoDB, DangerJS, Contentful and other headless CMS

## EXPERIENCE

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### Venmo (PayPal) May 2020 - Present

*Staff Front End Engineer (Full-time, New York, NY)*

- **Next.js and Webviews:** One of two web tech leads responsible for leading a team of six engineers in migrating the consumer-facing web application (logged in venmo.com experience) to Next.js, including all webviews used for core flows in the mobile clients with millions of pageviews per month. Leading i18n/l10n and a11y initiatives.

### Massachusetts Institute of Technology (MIT) Energy Initiative March 2020 - May 2021

*Senior Software Engineer (Contract, Remote)*

- **SESAME Project:** Developed a science-based application (“Sustainable Energy System Analysis Modelling Environment”) which analyzes the environmental and economic impact of low carbon energy technology systems.

### Breather January 2015 - April 2020

*Senior Front End Engineer (Full-time, New York, NY)*

*January 2019 - Present*

- **Tools for Office Customers:** Led the development of an extensive suite of administrative tools and internal tooling for creating, managing, accessing and invoicing long-term office bookings, generating tens of millions of dollars of revenue across North America and London, UK in its first year.
- **Led the Team to Adopt Best Practices to Ship Software Faster:** Led the Best Practices Guild in the adoption of tools and processes to improve developer collaboration and led the team in designing a Request For Comments (RFC) process. Developed a CI/CD process and rolled it out to the entire 20 person engineering team.

*Front End Engineer (Full-time, New York, NY)*

*April 2017 - December 2018*

- **Progressive Web App for Landlords:** Architected and developed *Onsite* as Breather’s first engineer in the U.S. and leader of the Real Estate Innovations pod. *Onsite* is a PWA made with Preact and Flow, features security and financial reporting and integrates with building access systems used in Class A office towers in Manhattan.

*Full Stack Engineer (Full-time, Montréal, Canada)*

*January 2015 - March 2017*

- **Overhaul Access Controls:** Built interfaces for managing critical door code information and inviting meeting attendees via email or magic link. Developed a tool for generating transactional email templates.
- **Modernize Breather.com:** Led a progressive rewrite of Breather.com from Backbone to modern React/Redux.

## PROJECTS

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- **Recurse Center:** Attended the mini 3 batch in April 2019. Built a web app using Rust and WebAssembly that draws happy faces that follow the user’s cursor using wasm-bindgen to do direct DOM manipulation from Rust. (2019)
- **gatsby-remark-twitter-cards:** Built a Gatsby plugin with Rust and WebAssembly that generates Open Graph social card images at build time. It supports vector fonts and handles text layout without native dependencies. (2019)

## PRESENTATIONS

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“Next i18n: Performant, Rich Translations in Next.js” - JS@PayPal Worldwide Virtual Conference (2021)

“A QuickStart™ Guide to Making Things on the Internet” - Google Women Techmakers Montreal (2016)

## EDUCATION

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### Bitmaker Labs (Now Bitmaker General Assembly)

June 2014 - August 2014

*JavaScript and Ruby on Rails Bootcamp*

*Toronto, Canada*

### University of Toronto

September 2009 - June 2014

*Honours Bachelor of Arts in Ethics, Society & Law*

*Toronto, Canada*