

# Chrissy Gonzalez

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**Frontend Engineer** with a comprehensive background in Product Design and expertise in building React/TypeScript applications. Currently pursuing an MS in Computer Science to deepen expertise in algorithms and software architecture.

## EDUCATION

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**NYU Tandon School of Engineering, Brooklyn, NY**

MS in Computer Science (anticipated 2027)

*Coursework: Discrete Math, Design and Analysis of Algorithms, Introduction to Java, Computer Networking, Software Engineering, Foundations of Data Science, Operating Systems, Programming Languages*

**University of Washington, Seattle, WA**

MFA in Visual Communication Design

**Yale University, New Haven, CT**

BA in Art

## TECHNICAL SKILLS

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**Languages:** JavaScript (ES6+), TypeScript, Java, Python, Rust, HTML5, CSS3

**Frontend Frameworks & Data:** React, Redux, Electron, Node.js, Express, GraphQL, REST APIs

**Testing & DevOps:** Jest, Cypress, Git/GitHub, CI/CD Pipelines, Command Line, AWS Elastic Beanstalk

**Methodologies:** Agile/Scrum, Test-Driven Development (TDD), Object-Oriented Programming (OOP)

**Design Tools:** Figma, Sketch, Adobe Creative Suite, Wireframing & Prototyping

## EXPERIENCE

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**Electric AI, New York, NY**

**May 2020 – Nov 2023**

*Senior Frontend Engineer (Promoted from Frontend & Associate Engineer)*

- Helped implement a high-performance, cross-platform desktop application using **TypeScript, Node.js, and Rust**, successfully processing real-time telemetry data from thousands of customer devices to drive operational insights.
- Led the frontend development of a customer support portal using **React and Next.js**, enabling the launch of a new subscription model that directly reduced customer churn.
- Established engineering governance by standardizing **React Hooks** patterns, reducing codebase complexity by **35%** and accelerating developer productivity.
- Engineered responsive UI components and optimized data fetching via **GraphQL**.
- Implemented unit and integration tests using **Jest and Cypress**.
- **Collaborated** within an Agile environment to translate complex product requirements into scalable technical solutions, resulting in two promotions.

**PREVIOUS PRODUCT DESIGN EXPERIENCE**

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**MongoDB, New York, NY****Sep 2017 – May 2020***Senior Product Designer / Product Designer*

- Led the end-to-end UX strategy for **MongoDB Atlas Data Lake**, collaborating deeply with backend engineers to translate complex data concepts into intuitive developer interfaces.
- Partnered with Product Managers to define technical requirements and roadmaps for beta release, directly influencing the product's go-to-market strategy.

**Etsy, Brooklyn, NY – Product Designer****Jan 2016 – June 2017**

- Designed internal engineering tools for **A/B testing** and background checks, optimizing workflows that improved the efficiency of the internal Operations and Engineering teams.

**Gust, New York, NY – Lead UX Designer****Jan 2015 – Dec 2015**

- Designed complex data-entry workflows for a platform generating legal and equity records for startups, ensuring data accuracy and compliance.

**Google, New York, NY – UX Designer (contract)****Dec 2013 – Dec 2014**

- Designed responsive authentication flows for mobile web.

**Intuit, Mountain View, CA – Senior Visual Designer****Oct 2010 – Dec 2013**

- Led the visual design system for **QuickBooks Mobile (Android)**, transforming desktop financial accounting workflows into a mobile-first user experience.