

NICA WEISINGER

SOFTWARE ENGINEER

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New York, NY

[LinkedIn](#) | [GitHub](#) | [Personal Website](#)

PROFILE

Recent graduate of Fullstack Academy's Web Development Bootcamp with a successful career pivot from eight years as a Mathematics teacher and team lead. Highly adaptable and detail-oriented with a passion for problem-solving and team-oriented workplaces. Experience developing full-stack web applications and honed skills in leadership, project management, and communication.

SKILLS

Javascript, HTML, CSS

React, Tailwind

Node, Express, Redux

Database Design, SQL

Firebase, Cloud Firestore

Team Leadership

EDUCATION

Fullstack Academy

Web Development Bootcamp,
2023

Software Engineering Certificate

Relay Graduate School

Master of Arts in Teaching, 2018
Mathematics Concentration

McGill University

Bachelor of Arts in Psychology,
2013

PUBLICATIONS

"Princess Picture Books:

Content and Messages"

Co-Author. *The Journal of Gender and Education*. 2013.

PROJECTS

Howlr | Developer | 2023

[GitHub](#) | [Website](#) | [Video](#)

- Worked with a team of four to build a live pet-centered social media app.
- Designed a complex SQL database schema to support ambitious interactive posting & chat features.
- Built the backend and frontend of the Twitter-like Howls feature where users can post, like, and comment on a live feed.
- Tech Stack: React, TailwindCSS, MUI, Express, Sequelize, Redux, Calendly, Google Maps, ChatEngine.io, and Bit.io.

Mindful Matters | Creator | 2023

[GitHub](#) | [Website](#)

- Designed a website to guide and track mental health skills and work-life balance.
- Utilized Firebase user authentication and Cloud Firestore database to create a customizable profile for users to track coping skills.
- Leveraged React expertise to build journaling, memory game, and quiz features.
- Tech Stack: Firebase, Cloud Firestore, React, and TailwindCSS.

EXPERIENCE

Urban Assembly Institute of Math and Science | 2021 - 2022

Middle School Math Teacher

- Developed 6th and 7th grade curricula that increased grade-level proficiency from 20% to 70% in the year following lockdown.
- Implemented systems that improved students' homework completion rate from 30% to 95%.

Uncommon Schools | 2016 - 2021

5th Grade Math Teacher

- Consistently brought students 1-2 grade levels behind to reach 85% proficiency on grade-level materials by the end of the year.
- Students' assessment data routinely ranked the highest in the network due to personalized curricular design, classroom procedures, and relationship building.
- Adjusted curriculum and instruction based on daily data analysis of students' math comprehension and procedural skills.
- Brought homework completion from 40% to 90% by implementing grade-wide systems and building strong relationships with families that persist to this day.

5th Grade Team Leader, Instructional Coach

- Fostered a team culture of consistency, joy, and rigor across classrooms, resulting in the 5th grade having the highest attendance rate in the middle school during 2020-2021 remote teaching.
- Led weekly team meetings, facilitated teacher trainings, and liaised with school admin.
- Supported and coached 6 teachers, including 4 first year teachers, resulting in 100% teacher retention the following year.
- Coached with consistent goal-setting, practice lessons, in-classroom support, and daily debriefs, leading to lower detention rates and improved exam scores.

The Village for Families and Children | 2014 - 2016

Child Development Specialist

- Led group lessons and therapeutic activities for cognitive, social, and emotional development in a therapeutic program for middle schoolers.