

# Nicole Aldurien

Software Engineer

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[nicole-aldurien.surge.sh](https://nicole-aldurien.surge.sh) | [github.com/nicolealudurien](https://github.com/nicolealudurien) | [linkedin.com/in/nicolealudurien](https://linkedin.com/in/nicolealudurien)

Creative software engineer with the ability to pick up new languages and technologies as needed. Prior to changing careers, I worked as a certified medical laboratory scientist for Emory University Hospital, where I conducted immunohematological testing to ensure safe administration of blood and bone marrow transplants to inpatients and outpatients at Georgia's largest academic medical center.

## Software Development Skills

- Debugging, JavaScript, Python, Node.js, React, Express, Redux, RESTful API, PostgreSQL, Sequelize, Bootstrap, Flexbox, AWS, React Native, HTML, CSS

## Education

DigitalCrafts | Certificate in Software Engineering | Atlanta, GA

February 2021 - present

- Software engineering training program covering full-stack development including (but not limited to) JavaScript and Python, with an emphasis on cutting-edge frameworks like React/Redux and server-side technologies including Node.js, Express, and PostgreSQL.

Texas State University | B.S. in Clinical Laboratory Science | San Marcos, TX | STEM GPA: 4.0

degree conferred August 2014

## Software Development Portfolio

wasteNOT | [wastenotorg.herokuapp.com](https://wastenotorg.herokuapp.com) | [github.com/nicolealudurien/wasteNOT](https://github.com/nicolealudurien/wasteNOT)

April 2021

- Member of a 3-person distributed development team on a modified-follow-the-sun schedule (due to one team member's family commitments), building a website that allows a theoretical charity to facilitate donation of excess unsold food from restaurants to food banks and soup kitchens.
- Primary responsibilities included implementing a fully mobile-responsive layout, schema design for user, admin, donation, and food bank tables in Postgres, creating user registration functionality with password encryption, and creating food bank information page and location page.
- Built with Node.js, Express, PostgreSQL, Mustache, HTML, and CSS.

Catch Up Over Coffee | [catch-up-over-coffee.surge.sh](https://catch-up-over-coffee.surge.sh) | [github.com/nicolealudurien/catch-up-over-coffee](https://github.com/nicolealudurien/catch-up-over-coffee)

March 2021

- Member of a 4-person distributed development team building a one-stop website where users can start their morning by catching up on news, viewing the latest stock market quotes, checking out local weather, and more.
- Primary responsibilities included proper project scoping and timeboxing for the team, implementing a fully mobile-responsive layout, developing news page functionality including API consumption/duplicate story removal/filtering stories by topic and source, and creation of in-house JSON documents to pull from for sections of the site without good public APIs.
- Built with Javascript, HTML, and CSS; consumes multiple RESTful APIs.

## Professional Work Experience

Emory University Hospital | Medical Technologist II | Atlanta, GA

April 2016 – December 2020

- Performed compatibility testing on patients, donor blood, and bone marrow transplant products to ensure safe transfusions at a 600-bed hospital. Collaborated daily with staff at the Red Cross and other area hospitals to best serve the region's patients.

Reproductive Biology Associates | Medical Technologist/Andrologist | Atlanta, GA

September 2014 – April 2016

- Performed andrological and endocrine testing for potential IVF patients. Guided patients who sought donor sperm through the process of selecting a bank, ordering, and shipping vials to us. Maintained FDA-compliant records for frozen specimens.