Nicole Aldurien

Full Stack Developer
Atlanta, GA | nicole.aldurien@gmail.com
nicole-aldurien.surge.sh | github.com/nicolealdurien | linkedin.com/in/nicolealdurien

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, MongoDB, Bootstrap, Flexbox, Heroku, Mustache, EJS, CSS, HTML

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 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 | wastenotprogram.herokuapp.com | github.com/nicolealdurien/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 multiple tables in Postgres, creating user registration functionality with password encryption, and creating food bank info and location pages.

- Built with Node.js, Express, PostgreSQL, Mustache, HTML, and CSS.

Catch Up Over Coffee | catch-up-over-coffee.surge.sh | github.com/nicolealdurien/catch-up-over-coffee   March 2021

- Member of a 4-person distributed development team using Agile principles to build 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.

Pool Hall Management App | github.com/nicolealdurien/PoolTableApp   February 2021

- Solo project creating a Python app to run a theoretical pool hall. Employees can check tables in/out to groups of players, and see how much they owe for their time played once finished. The app writes to/reads from a daily JSON file for persistence.

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.