

Nicole Aldurien

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Professional Experience

Lumen Learning | Remote | Software Engineer

July 2021 – October 2024

Lumen Learning began as a startup in 2012 and creates low-cost digital college courseware built on OER.

- After Dec. 2023, given title of "Technical Lead" that did not map to industry understanding of that title. Additional duties included working closely with product managers to fully flesh out the scope of upcoming features, breaking epics down into engineering tickets, and helping to drive technical direction.
- Built separate faculty and student interfaces for Lumen's newest higher education platform MVP, with React/TypeScript/styled-components. Delivered ahead of schedule.
- Updated assessment front end for the above courseware in Vue3/TS/Vite. Migrated test library from Jest to Vitest. Managed dependency updates and framework upgrades for this repository.
- Modernized React front end of Lumen's legacy courseware application to take advantage of hooks and the Context API; implemented updated state handling patterns.
- Worked closely with UX team to ensure their Figma designs covered all app states (loading, error, etc.)
- Conceptualized and solo-built a Node/Express server to surface mock data, allowing the front-end devs to build UIs before the back-end devs had endpoints ready on any given feature.
- Solo-built small features end-to-end in Rails and React, from migration to styling.

Emory University Hospital | Atlanta, GA | Medical Technologist II

2016–2020

- Conducted compatibility testing for safe blood transfusions and tissue transplants at a 600-bed hospital.

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

2014-2016

- Conducted andrological and endocrine testing for potential IVF patients.

Software Development Skills

TypeScript, React, Rails, JavaScript, Vue3, CSS, HTML, Git, Jira, Confluence, Figma, Storybook, MongoDB, Express, Node, Jest, Vitest, Vite, Pinia, PHP, RESTful APIs, Python, PostgreSQL, Redux

Education

Georgia Institute of Technology

Ongoing

- Foundational Computer Science coursework in Python to bolster future Master's in CS application.

DigitalCrafts | Certificate in Software Engineering | Atlanta, GA

May 2021

- Built five applications using React, Node, Express, MongoDB (MERN stack), Python, and PostgreSQL.

Texas State University | B.S. in Clinical Laboratory Science | San Marcos, TX

August 2014

- STEM GPA: 4.0