

Nicole Lam

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Transitioning from a nursing career to software engineering has sharpened my critical thinking and problem-solving abilities, essential for diagnosing issues and developing effective solutions in software. This has enhanced my adaptability and resilience, allowing me to navigate and thrive in dynamic environments. My journey is to continue learning and applying diverse skills to new challenges in tech.

SKILLS

JavaScript | React | HTML | CSS | Tailwind

PROJECTS

AI AT ALLY | *Group Project* | [Repo Link FE](#) | [Repo Link BE](#) | [Deployed Link](#)

Tech: JavaScript | React | CSS | HTML | Apollo | Router | Cypress

- Facilitates access to assistive tech resources with user authentication, educational content & categorized search functionality. Users can submit ratings and view their comments.
- Used semantic HTML to identify regions & to implement proper heading structure for screen reader navigation
- Created an intuitive navigation experience & detailed content views, emphasizing user-centric design
- Incorporated front-end Cypress testing, with over **95%** completion, and code reviews for all pages
- Implemented login feature with [Apollo Client](#) to manage user authentication & comments
- Implemented keyboard navigation on interactive elements, provided enhanced visible focus indicators for hover & keyboard focus & implemented text alternatives for images

VALORANT SHOWCASE | *Solo Project* | [Repo Link](#) | [Deployed Link](#) | [GitHub Projects](#)

Tech: JavaScript | React | CSS | HTML | Router | Cypress

- Allows users to view character attributes, filter through agents by role, choose favorites, and view descriptions & abilities. Users can simulate building two different teams of **5**
- Crafted reusable React components to streamline the development process
- Incorporated Cypress for comprehensive testing, ensuring a seamless user flow, with **100%** completion
- Integrated asynchronous data retrieval from a public [API](#) in addition to incorporating sensible error handling
- Sought end-user input to develop & adapt user flows, actively incorporating user feedback to refine & enhance application

CAP HILL COFFEE SHOPS | *Group Project* | [GitHub FE Link](#) | [GitHub BE link](#) | [Deployed Link FE](#)

Tech: JavaScript | React | CSS | Router | HTML | Cypress | PostgreSQL | Postico | Knex | Express | Postman

- Users can select a coffee shop, view details, and rate to alter the rating displayed for each shop. Users can view details such as hours, and addresses & submit ratings. A PostgreSQL database was integrated for this project
- Front-end user flow ensured by Cypress end-to-end comprehensive testing with over **95%** completion
- Integrated PostgreSQL for data management, complemented by Postico, Knex, & Express for seamless database interactions
- Executed RESTful API calls, including GET and POST, to handle dynamic content delivery

PROFESSIONAL EXPERIENCE

Turing School of Software & Design | **Certification** | **Front-end software engineering** | **Denver, CO** *July 2023 - January 2024*

- Mentored students by providing clear and effective instructions on iterators, unit-testing, Cypress testing, and React fundamentals
- Conduct code reviews with team members and project managers to ensure code quality and adhere to best practices

REGISTERED NURSE | **Denver Health** | Ears, Nose & Throat | Family Medicine

2021 - Current

- **3+** years of experience with EPIC medical charting in an **outpatient** setting
- Designed **20+** instructional documents emphasizing user-centric design, clarity, and structured information in health & wellness
- Collaborated in cross-functional teams of up to **15** medical professionals to ensure patient safety
- Engaged in **3** Quality Improvement projects, aimed at enhancing patient satisfaction & continuous improvement
- Received **3** Hero of the Heart Awards for compassionate care and behind-the-scenes work, granted Employee of the Month

REGISTERED NURSE | **St. Anthony's Hospital** | Neuro & Ortho Trauma

2020-2021

- **1.5** years of experience in EPIC medical charting in an **inpatient** setting
- Applied meticulous attention to detail in documentation to ensure accuracy & quality in presentation
- Flexible independent worker, managing **5** patients each shift
- Provided counseling & education, in addition to developing, managing & implementing care plans, evaluations & assessments
- Demonstrated empathetic communication & strong interpersonal skills between healthcare providers, family members & patients
- Nominated for **5** Daisy Nominations by patients for excellent bedside care, granted Employee of the Quarter

EDUCATION

Regis University Accelerated Nursing, 3.87

University of California, Berkeley, 3.64

Bachelor of Science, magna cum laude (2019)

Bachelor of Arts, cum laude (2012)