

Adrian Lanier

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EDUCATION

University of North Carolina at Chapel Hill

Bachelor of Science, Computer Science

GPA: 3.7

Chapel Hill, NC, USA

2022 - 2026

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C

Technologies: Next.js, Django, Expo, Angular, Flask, FastAPI, RESTful API, Axios, React, React Native, Git, Docker, Kubernetes, Vercel, AWS, Bitbucket, Jenkins, Salesforce Platform, Microservices Architecture

Database Systems: PostgreSQL, SQLite

EXPERIENCE

Intern - Software Engineer

Pearson

June 2025 - August 2025

Durham, NC, USA

- Collaborated with cross-functional teams in a fast-paced environment to implement new software features, gaining exposure to Pearson's cutting-edge digital products and services.
- Contributed to live projects, working on both front-end and back-end technologies, including React, Node.js, and Java, with a strong focus on writing maintainable and reusable code.
- Assisted in developing applications using micro front-end and microservices architecture on AWS infrastructure, gaining hands-on experience with product development in a cloud-based environment.
- Participated in code versioning with Git (Bitbucket) and continuous integration/deployment (CI/CD) using Jenkins.
- Demonstrated proficiency in Salesforce platform development and prompt engineering, supporting Pearson's CRM and AI initiatives.

Undergraduate Teaching Assistant

UNC Department of Computer Science

August 2023 – Present

Chapel Hill, NC, USA

- Hold office hours where students can ask questions, seek clarification, and receive guidance on assignments or projects related to programming, data structures, and algorithms.
- Evaluate coding assignments, problem-solving exercises, and exams according to predetermined criteria.
- Make contributions of new learning material to students in the course context.

Salesforce Developer Intern

Neuraflash LLC

June 2022 - August 2022

West Palm Beach, FL, USA

- Collaborated with AI and Project teams to learn and help create innovative Salesforce solutions for customers.
- Engaged with customers to define requirements, propose, and deliver complex Salesforce solutions.
- Configured and implemented scalable Salesforce solutions.
- Quickly acquired new technical expertise and understanding of Salesforce features to solve business problems.
- Was responsible for learning and developing in Lightning Component Framework.

PROJECTS

Statify

Statify is an interactive web and mobile application that challenges users to guess whether the amount of monthly listeners of a randomly selected Spotify artist higher or lower than another randomly selected Spotify artist. Built with Beautiful Soup, React, React Native, Expo, Flask, Axios, Spotify API, JavaScript, Python, HTML, CSS.

CS Experience Labs Coworking Webpage

Worked with a small team of programmers to enhance UNC's CSXL webpage with a robust member management system that enables organizations to list members by term, manage requests, and offer open membership. We facilitated the ability to create exclusive events and we improved the overall website functionality for student organizers to better foster community engagement. Built with Angular, FastAPI, Docker, Kubernetes, TypeScript, Python, PostgreSQL.