Adrian Lanier

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Education

University of North Carolina at Chapel Hill — Chapel Hill, NC, USA
Bachelor of Science, Computer Science | GPA: 3.7 — *2022 - 2026*

Technical Skills

Languages: Java, JavaScript, TypeScript, Python, C, Apex

Frameworks: Next.js, Angular, Flask, FastAPI, React

Tools: Git, Docker, AWS, Bitbucket, Jenkins

Technologies: Salesforce, Microservices Architecture

Database Systems: PostgreSQL, SQLite, SOQL

Experience

Intern - Software Engineer — June 2025 - August 2025
Pearson — *Durham, NC, USA*

- Collaborated with cross-functional teams to implement new software features.
- Contributed to live projects, working on both front-end and back-end technologies, including React, Node.js, and Java.
- Assisted in developing applications using micro front-end and microservices architecture on AWS infrastructure.
- Used Git (Bitbucket), Jenkins CI/CD, and Salesforce platform tools to support CRM and AI initiatives.

Undergraduate Teaching Assistant — August 2023 – January 2025
UNC Department of Computer Science — *Chapel Hill, NC, USA*

- Held office hours to assist students with programming, data structures, and algorithms.
- Evaluated coding assignments, problem-solving exercises, and exams according to predetermined criteria.

Salesforce Developer Intern — June 2022 - August 2022
Neuraflash LLC — *West Palm Beach, FL, USA*

- Collaborated with AI and Project teams to 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

Bug2 Controller on EV3 Lego Robot

- Implemented Bug2 navigation with bump, ultrasonic, gyro sensors; developed P-controller and applied kinematics for wall following and obstacle detection.
- Programmed the LEGO Mindstorms EV3 robot using Python and the Pybricks MicroPython API.

Statify

- Developed an interactive web and mobile app where users guess whether a Spotify artist's monthly listeners are higher or lower than another's.
- Built with Beautiful Soup, React, React Native, Expo, Flask, Axios, Spotify API, JavaScript, Python, HTML, and CSS.

CS Experience Labs Coworking Webpage

- Collaborated with a small team to enhance UNC's CSXL webpage with a robust member management system, event management, and improved functionality for student organizers.
- Built with Angular, FastAPI, Docker, Kubernetes, TypeScript, Python, and PostgreSQL.