

Daqi (Jen) Chen

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Skill

Programming

Javascript, Typescript, Java, Python, YAML, XML, C, Git

Frameworks

React Typescript, Vite, NextJS, Gatsby, Webpack, Rollup, Jest, Cypress, SASS, Tailwind CSS, CSS JS, Spring Boot, Flask, GraphQL

Education

University of North Carolina at Chapel Hill

August 2019 – May 2023

Computer Science B.S.

Statistics and Operation

Research B.S.

GPA: 3.7

Coursework:

Web Development

Introduction to NLP

Introduction to Deep Learning

Design Patterns

System Programming

Computer Organization

Consulting Skills and Framework



Work Experience

Software Engineer, Former Intern at **Goldman Sachs Inc.**

July 2023 — Present

- Built a **React TS** frontend with **Vite** with **Jest** unit and **Cypress** E2E testing.
- Deployed plugins using **NPM**, **XML** and **Rollup** to allow support for components from the said frontend on platforms such as salesforce and office.

Engineering Intern at **Goldman Sachs Inc.**

June — August 2022

- Utilized **Terraform** in integration with **AWS EC2** and **Lambda**.
- Built and published a **React library** onto the internal NPM registry.

Statistics Intern at **United Nations DESA**

January — May 2022

- Migrated data and documents into new information management platforms based on **ReactJS & MongoDB**.
- Extracted, modeled and organized structured and unstructured data from legacy databases in **Python**.
- Contributed to the further development of **web-based micro-services** within the UN Statistical Commission.

Software Engineering Intern at **LexisNexis**

May — December 2021

- Enhanced an internal tool for admins using **Java**, **JSP**, **Servlets**, **Struts framework** and **PL/SQL**.
- Implemented features to automate PL/SQL changes in the backend using **JDBC** and **Hibernate**.
- Hosted the said internal tool on **AWS** using CFT templates.

Engineering Team at **UNC CS + Social Good**

August 2020 — May 2023

- Developed collectively the portal for 500+ undergraduate students at UNC CS Department using **React** and external API through **Airtable**.

Featured Project



Firebase Admin Console

A template centralized platform for easy viewing and maintenance of Firestore database.

React, Python, Heroku, Firebase

Featured Project



Food Smart

Pearl Hacks Winner of "Best Overall Hack" & "Best Mobile Hack"

A place to keep track of your grocery items and their expiration date, find recipes with the ingredients you have before they expire.

React Native, Expo, Firebase