

Yuanyao Lin

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EDUCATION

University of North Carolina at Chapel Hill (UNC)

Graduation Date: May 2026

GPA: 4.0, Computer Science & Information Sciences Major

North Carolina State University (NCSU)

August 2022-May 2023

GPA: 3.8, Computer Science Major

RELEVANT COURSEWORK

UNC: Data Structures and Algorithms,

NCSU: Introductory Java, Discrete Mathematics, Linear Algebra

EXPERIENCE

CAR/VR: Executive Member

September 2023-present

Web Developer

Chapel Hill, NC

- Developed and maintained Carolina AR/VR website utilizing VueJS, Typescript, and TailwindCSS
- Effectively designed website to be accessible to various platforms
- Consistently communicated between team members and other executive members on UI/UX

AMAZON: Optimal Inventory Health

May 2023-August 2023

SDE Intern

Bellevue, WA

- Developed and maintained comprehensive APIs aimed at ensuring optimal product inventory management
- Built backend service leveraging Java to deserialize data from S3 objects, transforming them into JSON files for seamless communication with the frontend.
- Designed a portal interface using the VueJS framework, presenting crucial data for specific Amazon products.
- Effectively communicated with PMs and SDEs, utilizing Asana and creating design documents

NCSSM: Quantum Computing Research

January 2021-April 2022

Research Assistant

Raleigh, NC

- Intensively studied various quantum computing topics (superposition, qubits, etc.) and worked with quantum circuits for projects under Dr. Huiyang Zhou
- Spoke and presented to junior peers of learning and proficiency at high school's research symposium; taught basic quantum computing and the potential of quantum computers
- Used primarily Python for coding in quantum circuits

SKILLS

Programming Skills: Java (Spring Boot), Javascript (AXIOS API), VueJS Framework, Python

Software: AWS (DynamoDB, Athena, S3), Asana, Microsoft Office

Familiarity with CI/CD process (Amazon Pipelines), Unit Testing (JUnit & Mockito), and Integration Tests

LEADERSHIP & HONORS

- Amazon Future Engineer Scholar
- Pack Promise Scholar at NCSU
- Dean's List at NCSU
- QuestBridge Scholar

Durham, NC, 2021-current

Raleigh, NC, 2022-2023

Raleigh, NC, 2022-2023

Durham, NC, 2020-2022