

Yunfei Chen

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Software Engineer

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Motivated Software Engineer with a strong foundation in computer science. Skilled in delivering innovative solutions, translating business requirements into technical deliverables, and owning projects from start to finish. Proven communicator with a focus on collaboration and positive user experiences.

Key Skills

- **Technical** –Java, Python, C++, JavaScript, Ruby on Rails, Kotlin, Spring, AngularJS, VueJS, GraphQL, Maven, Jenkins, Figma, Docker, Kubernetes, AWS, Apache Kafka, MySQL, PostgreSQL, RESTful APIs, Data Structures
- **General** – User Experience (UX), User Interface (UI) Design, Back-End Development, Time Management.

Education

North Carolina State University, Master of Computer Science, Raleigh, NC 08/2023 – 06/2025(Expected)

- GPA: 3.9/4.0

North Carolina State University, Bachelor of Computer Science, Raleigh, NC 08/2020 – 12/2022

- Dean's List (Spring 2021 – Fall 2023)
- GPA: 4.0/4.0

Wayne Community College, Associate in Science, Goldsboro, NC 08/2017 - 08/2019

- Outstanding Student Curriculum Award (Spring 2019)
- GPA: 4.0/4.0

Project

Dynamic Type Schema in GraphQL, Salesforce & North Carolina State University, Raleigh, NC

- Lead Architect & Planning Manager, designing the architect of the project and API calls.
- Presented and programmed the idea of "Query Transformation" utilizing GraphQL, JavaScript, and PostgreSQL.

Work Experience

Bamboo Health (Apriss Health), Full time, Remote 05/2024 - 08/2024

Platform Engineer intern (Platform engineer team)

- Implemented and tested features using Kotlin, AWS, Maven, Docker, and Kubernetes, enhancing reliability and performance.
- Optimized real-time data processing and communication with Apache Kafka, improving efficiency.
- Developed a proof of concept with Python, AWS EC2, and S3 to streamline data ingestion and routing, enhancing workflows.

Bamboo Health (Apriss Health), Full time, Remote 01/2023 – 05/2023

Software Engineer Intern (Blue Team)

- Collaborated in a cross-functional team to implement new features and resolve issues using Ruby on Rails and Java.
- Utilized Java and Postman to implement a mock server, allowing for the acceptance of API calls and return xml files.
- Utilized Amazon Web Services (AWS) to enhance and expand system functionality.
- Actively participated in daily team meetings to discuss project progress and strategy.

Globalstratos, Part time, Raleigh, NC 01/2022 – 08/2022

Software Engineer Intern

- Implemented and managed applications on Amazon Web Services (AWS) and Kubernetes.
- Contributed to the installation of ERPNext and VanillaStack, enhancing system capabilities.

Wayne Community College, Part time, Goldsboro, NC 05/2019 – 07/2020

Tutor

- Supported students in Physics, Biology, Statistics, Calculus, and Python, improving their understanding and grades.
- Assisted instructors in preparing lecture materials and relayed student feedback.

Certifications

AWS Certified Cloud Practitioner, Amazon Web Services Training and Certification 04/2023

- Demonstrates fundamental knowledge of AWS services and their practical applications.
- Be able to identify essential AWS services necessary to set up AWS-focused projects.

Extracurriculars

Global Computer Science Community, North Carolina State University

President 01/2022 – 12/2022

- Founding member of the Global Computer Science Community, helped develop the organization's constitution.
- Promoted equity and inclusion for Black students and students of color in collaboration with faculty and staff.
- Organized activities and provided resources to support international students' daily and academic needs.