

# Yunfei Chen

(919) 273-3522 • Email: [ychen207523@gmail.com](mailto:ychen207523@gmail.com)

[www.linkedin.com/in/yunfei-chen-16bb85219](https://www.linkedin.com/in/yunfei-chen-16bb85219) · <https://github.com/ychen-207523>

Raleigh, NC

## SKILLS/CERTIFICATIONS

**Languages:** Java, C++, Python, Ruby, Kotlin, JavaScript

**Databases:** MySQL, Postgres, Redis, SQLite

**Backend:** Ruby on Rails, Node.js, Spring, Maven

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

**DevOps/Cloud:** AWS, Docker, Kubernetes, Azure, Kafka

**Frontend:** React, VueJS, AngularJS, CSS, HTML

**Tools:** Git, GitHub, GraphQL, Postman

## EDUCATION

**North Carolina State University**  
*Master of Computer Science*

**Raleigh, NC**

**08/2023 – expected 05/2025**

- GPA: 3.94/4.0

**North Carolina State University**  
*Bachelor of Computer Science*

**Raleigh, NC**

**08/2020 – 12/2022**

- Dean's List (Spring 2021 – Fall 2022) | 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

## PROFESSIONAL EXPERIENCE

**Bamboo Health (formerly Appriss Health)**  
*Platform Engineer Intern*

**Remote**

**05/2024 – 08/2024**

- **Successfully optimized real-time data processing and inter-service communication** by leveraging Apache Kafka, resulting in significant efficiency gains and streamlined data flow within the platform.
- Actively engaged in **User Acceptance Testing (UAT)**, collaborating with the Quality Assurance (QA) team and Product Manager to fix validation rule logic, improving overall functionality. The UAT was successful, and the project went live **one week ahead of schedule**.
- Developed and presented a proof-of-concept (POC) leveraging Python, AWS EC2 instances, and Amazon S3 for data ingestion and routing. **This solution handled up to 15 GB of data in about 1 hour**, improving workflow efficiency by automating key processes and ensuring seamless data handling, ingestion, and routing.

*Technology Stack--Programming Language: Kotlin/ Cloud Platform: Amazon Web Services (AWS)/ Build Tool: Maven/ Containerization: Docker/ Orchestration: Kubernetes*

**Bamboo Health (formerly Appriss Health)**  
*Software Engineer Intern*

**Remote**

**01/2023 – 05/2023**

- Collaborated on feature development and issue resolution within a cross-functional team, utilizing Ruby on Rails and Java. Consistently exceeded expectations by completing **more than 9 points per week**, surpassing the intern requirement of 6.
- Developed a mock server with Java and Postman to enable API call acceptance and XML file return for testing. This server **integrated with the existing project**, streamlining future testing by simulating real API interactions.
- Enhanced system reliability and performance through meticulous implementation and testing of new features.
- Contributed insights and collaborated on project progress and strategy in daily team meetings.

*Technology Stack--Programming Languages: Ruby, Java/ Tools: Postman, Amazon Web Services (AWS) EC2 S3 RDS Kafka/ Framework: Ruby on Rails/ Platform: Remote work environment*

**Globalstratos**  
*Software Engineer Intern*

**Raleigh, NC**

**01/2022 – 08/2022**

- Deployed and managed applications on AWS and Kubernetes, showcasing expertise in cloud and container technologies.
- Contributed to the installation and setup of ERPNext and VanillaStack, enhancing system features and capabilities.
- Actively collaborated with team members and the manager to enhance the design.

*Technical Stack: Tools: Amazon Web Services (AWS), Kubernetes/ Platforms: ERPNext, VanillaStack*

## 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.

## LEADERSHIP EXPERIENCE

**President of Global Computer Science Community**, North Carolina State University

**01/2022 – 12/2022**

- Contributed to constitution development and promoted equity for Black and other students of color.
- Organized activities and provided resources to support international students' daily and academic needs.