

Angela Cao

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EDUCATION

University of Georgia – Athens, GA
Bachelor of Science in Computer Science

May 2024

SKILLS & CERTIFICATIONS

- **Programming Languages:** Java, C#, Python, HTML, CSS, JavaScript, TypeScript, Swift, XML, MySQL
- **Frameworks:** React, Node.js, JavaFX, Vue.js, SwiftUI
- **Software Tools:** Git, IntelliJ, Eclipse, Visual Studio Code, GitHub, Jira, Confluence

EXPERIENCE

Georgia Tech Research Institute- Software Development Intern | Atlanta, GA May 2023 – August 2023

- Accomplished a 40% increase in workflow efficiency by developing Python-based tools for automating document conversions from Word to CSV.
- Accomplished improved project deliverables and functionality in embedded software projects for electronic warfare.
- Accomplished enhanced team dynamics and project velocity by actively participating in Agile and Scrum methodologies.

Georgia Tech Research Institute- Software Development Co-Op | Atlanta, GA May 2021 – May 2022

- Accomplished a 70% boost in testing efficiency by developing a C# and XAML-based GUI for efficient CSV data parsing.
- Accomplished improved DevOps workflows by authoring scripts utilizing Docker and Kubernetes for effective containerization and orchestration.
- Accomplished boosted development efficiency and system reliability by instrumental in refining Git and CI/CD practices.
- Accomplished enhanced debugging processes to ensure smooth software operation.

PROJECTS

The Cinema E-Booking System - Team Lead, Front-End Developer, Integration Specialist | Team of 6 [GitHub](#)

Identified the cumbersome and time-consuming nature of traditional movie ticket purchasing (Problem), led the team and developed the front end, and connected the front and back end to create a seamless online platform for users (Action), resulting in increased user engagement and satisfaction with a noticeable reduction in ticket purchasing time and an increase in online bookings (Result).

- Accomplished the simplification of movie ticket purchasing as measured by increased user engagement by creating an online platform for cinema-goers to make an account, view schedules, book seats, and view ticket history.
- Utilized: HTML, CSS, Vue.js, TypeScript, Spring Boot, SQL, Docker, Postman

Pet Shelter Finder App - Developer | Team of 1 [GitHub](#)

Recognized the difficulty in accessing up-to-date pet shelter information for potential adopters (Problem), created a mobile app that integrates various APIs to provide real-time shelter information using Swift and SwiftUI (Action), leading to improved user satisfaction and increased adoption rates by providing a seamless and efficient way to find pet shelters (Result).

- Accomplished facilitating easy access to pet shelter information as measured by user satisfaction and engagement by integrating APIs and developing the app using Swift and SwiftUI.
- Utilized: Swift, SwiftUI