**Guangyi (Simona)Chen**

[simonachen11@gmail.com](mailto:simonachen11@gmail.com) | 803-201-0949

**Obejctive**:

I am a Mater of Computer Science about to graduate, seeking my first full-time position. I am very enthusiastic about learning new technology and keep up with the latest trend in the industry. I believe in lifetime learning. **EDUCATION**

## UNIVERSITY OF SOUTH CAROLINA

***Master of Science in Computer Science*** 08/2021 – 05/2023 (Expected) **Relevant Coursework**: Data Structures & Algorithms, Objected Oriented Programming in C++, Data Focused Python, Database System, Big Data analysis,Deep Learning,Computer Architecture

## CHAOHU COLLEGE*,*

*Bachelor of Arts in English*

# WORK EXPERIENCE

**University of South Carolina Columbia, SC**

Computer Lab Assistant 08/2021-05/2022

* Monitor the lab while students are working on assignments or coding projects from cs101 andcs102.
* Debug the programs written by the students and test them for consistency.

**SOYOSE Tech Co.,Ltd Nanjing,China**

SOFTWARE DEVELOPER 07/2019-07/2021

* Design and develop customized education software and applications as a member of a team.
* Understand customer requirements and how they translate to functionality.
* Participate in code reviews and maintain coding standards.

# TECHNICAL SKILLS

**Languages and Framework**: Java, C++ , Python,Go, Ruby, CSS/HTML, JavaScript, Vue.js, React.js, Redux, Ajax

**Tools**: AWS, Docker, Git,Hadoop,Pytorch

# PROJECTS

## Online Learning Platform

* Successfully developed an online-learning platform using Objective-C.
* Achieved the repackage of PDF-reader, the revision of the front page, the modules for the interest labels, modulesfor article categories and mark of audio and video materials.

## Database-driven Website

* Designing a database-driven website using PHP&MYSQL for my school.
* Using MYSQL to store all the information about the college and its departments,including multi-formathomework questionnaire report generation, on publication and report generation.

## Price Alert Scraper in Python

* Developed a web scrapper that extracts and compares data of crypto currency tokens from Binance Smart Chain.
* Created an alert that provided users with personalized price alert and recommendation.

## Booking System in Go

* Developed a booking system of hotels and flights using Go.
* Provide users with features of personalized data and booking recommendations.

## Deep-Learning Project in Python

* Utilizing a convolutional neural network(CNN) with well-labeled bird image data as input to hopefully improvethe accuracy of the bird identifications.
* Successfully classified the input data set of over 11,000 photos of birds divided into 200 sub-directories.