

# SICHENG CHEN

1321 Seattle Slew Ln, Cary, NC 27519  
(785) 317-7501 | sichengchen20@outlook.com | linkedin.com/in/sichengchen20 | sichengchen.com

## EDUCATION

---

**Kansas State University**, Manhattan, KS  
Master's in Computer Science  
Cumulative GPA: N/A

Expected: December 2026

**Kansas State University**, Manhattan, KS  
Bachelor's in Computer Science  
Cumulative GPA: 3.33

January 2021 – December 2024

## EXPERIENCE

---

### Particle Space

Software Development Intern

**Lenexa, KS**

June 2022 – August 2022

- Collaborated with company developers to discuss the necessary development infrastructure required for current project.
- Developed a React.js web application to monitor the status, uptime, and response time of all API services on the platform.
- Conducted comprehensive API testing using Postman to validate the functionality, performance, and reliability of services.

### Kansas State University, KDD Laboratory

Linux System Administrator

**Manhattan, KS**

July 2022 – May 2023

- Participated in weekly meetings to discuss AI projects and system requirements, ensuring alignment among all teams.
- Installed and configured various containerized Docker environments and virtual machines for research use.
- Monitored and managed CPU and GPU systems used for AI research conducted by the laboratory members.

### Kansas State University, Computer Science Department

Teaching Assistant

**Manhattan, KS**

August 2023 – December 2024

- Worked with the professor to optimize student support and improve grading policies for the upcoming week.
- Held weekly office hours to help students acquire the necessary skill and understanding of in-class materials.
- Assisted the professor and led weekly lab sessions, providing guidance by answering students' question.
- Graded weekly milestone assignments, providing constructive feedback to approximately 50~80 students.

## PROJECTS

---

### Personal Website

October 2021 – Present

- Developed a fully responsive personal portfolio website using TypeScript, Next.js, and Mantine.
- Implemented Email.js for seamless email communication with visitors through on-site contact form.

### Chroot Discord Bot

June 2022 – June 2022

- Developed an interactive Discord bot using Discord.js in JavaScript for improved team collaboration.
- Integrated GitHub API to fetch and manage repository data, streamlining development workflows.

### QuadTree Map Viewer

October 2021 – November 2021

- Developed a Windows application that utilizes a QuadTree data structure for efficient map visualization.

## TECHNICAL SKILLS

---

**Languages:** Python, C#, C, Java, Javascript, Typescript, Bash, SQL, HTML, CSS

**Tools/Frameworks:** Git, Docker, Postman, Matlab, Vim, .NET, React.js, Next.js

**Operating Systems:** Windows, Linux

## ACTIVITIES

---

### Treasurer of K-State ACM

September 2021 – December 2024

- Managed the organization's finances, evaluating budgets for events, and overseeing reimbursement processes.
- Provided assistance to members navigating the reimbursement process, ensuring all questions were answered promptly.