

Kristopher Luo

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Objective

I am a highly motivated and hardworking student seeking a Computer Science internship. I am eager to learn more about software development, implement feedback, and work with a collaborative team.

Education

Clemson University Honors College Program | Clemson, South Carolina

Aug. 2019 - May 2023

- ❖ BS in Computer Science, Minor in Management
 - ❖ President's List 2020 - Present (4.0 GPA)
 - ❖ Relevant Coursework: Algorithms & Data Structures, Operating Systems, Software Development, Software Engineering, Network Programming, Discrete Structures, 2D Game Engine Design, Computer Organization
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Experience

Work

Deepfake Research Intern

May 2021 - Aug. 2021

[Clemson University, Department of Computer Science](#)

- ❖ Researched and studied algorithms incorporating machine learning and artificial intelligence techniques to detect Deepfake usage in videos
- ❖ Studied multiple different detection methods such as observing inconsistent corneal specular highlights

Data Analysis Intern

May 2018 - Aug. 2018

[Clemson University, Department of Engineering](#)

- ❖ Analyzed and modified traffic data collected from Clemson's roads for autonomous vehicle research
- ❖ Learned the basics of artificial intelligence and data analysis

Research Lab Intern

May 2017 - Aug. 2017

[Clemson University, Department of Genetics and Biochemistry](#)

- ❖ Genetically engineered rice plants with the vacuolar proton pump gene to enhance their salt tolerance
- ❖ Learned aseptic techniques, plant tissue culture techniques, bacterial inoculation, and culture for study
- ❖ Practiced plant DNA and RNA extraction, plasmid DNA purification, and gel electrophoresis analysis

Personal Projects

Sudoku Solver

June 2021 - July 2021

- ❖ Coded a Sudoku game/solver in Python incorporating a graphical user interface
- ❖ The program can visually solve the puzzle using a backtracking algorithm

Website Development

June 2021 - July 2021

- ❖ Used React and JavaScript to create a personal portfolio website
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Skills

Technical Skills: Proficient with C++, Java, C, Python, JavaScript, React

Other Skills: Bilingual (English, Chinese), public speaking, video editing

Activities: Delta Chi Fraternity Philanthropy Chair, 2-year high school varsity soccer captain