Chloe Crozier

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EDUCATION

Clemson University (Clemson, South Carolina)
BS in Computer Science *Aug 2021 – expected May 2025*
- Minors: Electrical Engineering and Mathematical Sciences
- Clemson University Honors College

WORK EXPERIENCE

Clemson University (Clemson, South Carolina)
UI Designer Intern *Aug 2022 – present*
- Enhance the Clinical Decision Support System (CDSS) for OpenEMR, and design, model, and build a CDSS for OpenMRS

CEVAC Intern *Aug 2022 – present*
- Apply motion detection algorithms on live-video feeds to obtain an accurate occupancy count for buildings across Clemson's campus
- Apply game theory on motion to calculate individual carbon footprints

Social Media Forensics Intern *Jan 2022 – Aug 2022*
- Write Python programs that analyze social-media data to identify the strategy and impacts of coordinated, inauthentic information operations

Chick-fil-A (Charleston, South Carolina)
Front of House Team Member *May 2022 - present*

PROJECT EXPERIENCE

Clemson University Research (Clemson, South Carolina)
Critical Infrastructure Cybersecurity *Aug 2022 – present*
- Analyze and visualize the SWaT dataset published by the iTrust Lab on ways to use machine learning techniques to detect cyber-attacks on a water distribution system

IBM Watson in the Watt *Aug 2021 – Jan 2022*
- Interpreted free-text medical reports using Natural Language Processing (NLP) to perform sentiment and topic anaylsis

Clemson Honors Project Grant *May 2022 - Aug 2022*
- Created an Arudino Desk Assistant and a Raspberry Pi 4B Security System

CLUBS AND ACTIVITIES

Alpha Omega Epsilon (*Member*) *Aug 2022 – present*
Clemson ACM (*Treasurer*) *Aug 2022 – present*
Clemson College Loops (*Member*) *Aug 2021 – present*
CUhackit (*Organizer*) *Aug 2021 – present*

AWARDS AND SCHOLARSHIPS

Breakthrough Scholars Program (*Clemson*) *Jun 2021 – present*
First cohort scholar for the selective full-tuition academic scholarship and enrichment program for underrepresented students in STEM
Student Speaker for Donor Gift Weekend (*Clemson*) *Spring 2022*
Designathon Best Health Track - Future of Food (*Clemson*) *Feb 2022*
Best API Use Winner for HelloWorld Hackathon (*Clemson*) *Sep 2021*