

## EDUCATION

### University of Southern Mississippi

#### MS in Computer Science

AUG 2023 - DEC 2024

Publication: "Designing For Diversity:

Dynamic Persuasive Strategies in MHealth App Development", BCSS 2024

### University of Tulsa

#### BS in IT & Business Management

JUN 2019 - MAY 2023

**Relevant Coursework:** Data Structures & SQL

Database Management, Algorithms & Programming in Java/Python, Business Programming, Information Security, Computer Networks, and Operating Systems, Machine Learning.

## PROJECTS

### VNL Win Probability Model Project

Software Engineer/ GITHUB

- Developed a win probability model for volleyball matches using Python and data science techniques.
- Created data scraping scripts with Selenium to gather match statistics.
- Implemented machine learning algorithms to predict match outcomes and visualize results.

### Automobile Management System

Software Engineer / GITHUB

- Created a comprehensive vehicle management system using Python, Flask, HTML, CSS, and JavaScript.
- Implemented secure user authentication, vehicle inventory management, and service scheduling. Emphasized data consistency, security, and an intuitive user interface.

### Enemy is The Ball

Game Developer/ GITHUB

- Developed an interactive game with JavaScript, HTML5, and CSS3, featuring smooth animations and responsive controls. Designed multiple levels with increasing difficulty and a visually appealing UI/UX.
- Implemented real-time collision detection, game physics, and sound effects for enhanced user experience.

## EXPERIENCE

### University of Southern Mississippi

Graduate Research Assistant | AUG 2023 - DEC 2024

- Researched **Persuasive System Design and Behavior Change** for a mobile health app, securing dissertation committee publication.
- Collaborated with product and engineering teams on **web app development, conducted software testing**, and achieved a 62% increase in deadline efficiency
- Led collaborative research between **Computer Science and Nursing**, innovating cognitive development tech via thorough data analysis and user research.

### FINN Partners

Public Relations Intern | MAY 2023 - AUG 2023

- Authored impactful articles for prominent newspapers like **Observer**, boosting brand visibility by 30% and showcasing strong writing skills and narrative flair.
- Crafted **compelling press materials** and maintained communication with diverse media outlets, optimizing coverage and increasing media **engagement by 40%**.
- Assisted in creating client communications, including press releases and media pitches, ensuring strategic messaging alignment and driving a 25% increase in client response rates.

### The Plug Drink

Sales Representative Intern | MAY 2023 - AUG 2023

- Orchestrated **cross-departmental collaboration** at The Plug Drink startup, propelling local sales initiatives forward.
- Devised and executed strategies to pitch The Plug Drink product to local businesses, **yielding a 20% surge in client acquisition**.
- Conducted **targeted market research** to identify potential clients and tailored sales pitches accordingly, optimizing client engagement and conversion rates.

## LEADERSHIP

### D1 Student-Athlete & Turkish National Team

- Highest Team GPA in AAC 2019-2021
- 4 American and 1 Sunbelt Academic Honors
- European Championship Award National Team
- Sportsmanship and Leadership Award

## SOFTWARE

Python, Java, HTML, CSS, JavaScript, React, Node, PostgreSQL, MySQL, No-SQL, Rest API, Git, Spring Boot, Selenium, Django, Flask, Pandas.