

Benzon Carlitos Salazar

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Technical Background

- **Proficient:** Java, Python, JavaScript, HTML5/CSS3, SQL, Linux, Git
- **Familiar:** C, Assembly Programming, JUnit

Technical Experience

UWW College of Letters and Sciences Artificial Intelligence Research

Whitewater, WI

Undergraduate Researcher

September 2019 - Present

- Currently working with a team of undergraduate students to collect and gather relevant data from online peer-reviewed medical journals to represent the decision-making processes created by physicians and doctors.
- Currently creating a graphical representation of each decision-making process through the help of machine learning tools used for inverse reinforcement learning (IRL).
- Currently working to implement NLP techniques to automate information extraction from online medical case reports.

Projects

Information Extraction (github.com/carrliitos/NLPInformationExtraction) 🐙

Natural Language Processing | Java, Python

- Currently developing an Information Extraction (IE) tool to automate data/attribute extraction from online medical journals and electronic health records.
- Future plans include, creating and deploying a fully functional Named Entity Recognition model for IE tasks in the field of clinical natural language processing.

Twitter Clone (github.com/carrliitos/TwitterClone) 🐙

Full-Stack Development | Node.js, Skeleton, MongoDB

- A basic twitter clone that is built to demonstrate the full-stack development (client, server, database).

Flappy Bird Clone(github.com/carrliitos/FlappyBirdClone) 🐙

Full-Stack Development | Node.js, HTML, CSS

- A basic Flappy Bird clone that is built to demonstrate the full-stack development.

Monoalphabetic Cipher Decryption (github.com/carrliitos/MonoalphabeticDecryption) 🐙

Cryptography | Java

- A program that performs cryptanalytic Ciphertext-Only Attack (COA) on the provided text document, using letter frequency analysis.

Work Experience

University of Wisconsin - Whitewater

Whitewater, WI

Residence Halls Clerical

September 2019 - December 2019

- Provided support to the Campus Complex Directors and Assistant Complex Directors through administrative and clerical duties.
- Involved in the process and distribution of documents to university students and Resident Assistants (RAs) as well as processing student information onto university student portal.

University of Wisconsin - Whitewater

Whitewater, WI

Camp and Projects Specialist

Summer 2018, 2019

- Assisted in the implementation of the University Housing summer program by maintaining a safe and secure hall environment, working the central University Housing front desk, preparing residence halls, and assisting with summer projects.
- Aided with summer camps/conferences and summer school hall by welcoming and assisting guests.
- Helped and aided with check-ins and check-outs, and other hall operation responsibilities.

Education

University of Wisconsin - Whitewater (UWW)

Whitewater, WI

Candidate for Bachelor of Science in Computer Science

December 2020

Volunteer Experience

American Red Cross

Blood Donor Ambassador

Badger Hawkeye, Heart of America (Jefferson County)

February 2017 - September 2020