

Benzon Carlitos Salazar

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🌐 <https://carlitos.github.io/> | <https://linkedin.com/in/benzoncarlitosalazar/> | <https://github.com/carlitos>

Technical Background

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

Experience

Advocate Aurora Health

Milwaukee, WI

Research Programmer Analyst Associate

January 2021 - Present

- Designs, develops, and maintains computer applications and components to support research based on defined program requirements.
- Conducts independent analysis and prepares detailed specifications aligned with customer needs and system features and functionality.
- Codes, tests, debugs, documents and periodically modifies programming applications, components and reports that obtain, manipulate, link and stage data for research purposes.
- Designs moderately complex standard and ad hoc reports, as well as custom applications based on requirements.
- Ensures data is provided to researchers in a manner consistent with Health Insurance Portability and Accountability Act (HIPAA), Institutional Review Board (IRB), legal agreements, policies and procedures, and other appropriate standards.
- Supports data extraction, transformation, and loading (ETL) for research databases and requests.
- Analyzes ETL processes and custom applications failures, inadequate performance and other problems.

UWW College of Letters and Sciences Artificial Intelligence Research

Whitewater, WI

Undergraduate Researcher

September 2019 - December 2020

- Collaborated 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.
- Developed a graphical representation of each decision-making process through the help of machine learning tools used for inverse reinforcement learning (IRL).
- Developed an NLP model to automate information extraction from online medical case reports.

Projects

Information Extraction (github.com/carlitos/NLPInformationExtraction)

Natural Language Processing | Java, Python

- An Information Extraction (IE) tool and model to automate data/attribute extraction from online medical journals and electronic health records.

Twitter Clone (github.com/carlitos/TwitterClone)

Full-Stack Development | JavaScript, HTML, CSS, MongoDB

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

Flappy Bird Clone(github.com/carlitos/FlappyBirdClone)

Full-Stack Development | JavaScript, HTML, CSS

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

Monoalphabetic Cipher Decryption (github.com/carlitos/MonoalphabeticDecryption)

Cryptography | Java

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

Whitewater Information Network for Students (WINS) (<https://github.com/carlitos/WINS-clone>)

Front-End Development | JavaScript, HTML, CSS

- A UW-Whitewater's WINS system clone built as a shopping cart system for UW-Whitewater students to select their classes.

Carlitos (<https://github.com/carlitos/carlitos.github.io>)

Front-End Development | JavaScript, HTML, CSS

- My personal multi-page website. To access: <https://carlitos.github.io/>

Education

University of Wisconsin - Whitewater, College of Letters and Sciences

Whitewater, WI

Bachelor of Science in Computer Science

December 2020