Benzon Carlitos Salazar

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Skills

- **Programming Languages:** Python, R, JVM (Java, Spring/Spring Boot), SQL (Oracle and MSSQL)
- **Miscellaneous Technologies:** Linux, Git, Tableau, Alteryx, Pentaho Data Integration, Microsoft Office
- **Awards/Certifications:** Epic Cogito, Epic Clarity Data Model, Epic Caboodle Data Model, Epic Clinical Data Model

Experience

Vivent Health **Milwaukee, WI**
Health Informatics Data Analyst *Dec. 2022 - Present*
- Compiles, organizes, and integrates healthcare data from disparate sources, including an enterprise EHR (Epic Systems) and an HIV care management application (Provide Enterprise).
- Partners with internal stakeholders, business partners and vendors to gather requirements, understand technical capabilities, and identify solutions.
- Implements complex ETL processes using SQL and Python to support the optimization of internal operations, and communicates findings via data visualizations using Tableau and reporting techniques to stakeholders and organization leadership.
- Develops, tests, and debuggs SQL, R, Python, and/or Java code to deliver reproducible and scalable analysis-ready data sets.

Advocate Aurora Health Research Institute **Milwaukee, WI**
Research Programmer Analyst Associate *Jan. 2021 - Dec. 2022*
- Designed, developed, and maintained the applications and processes that comprise the data infrastructure essential to conducting collaborative clinical and outcomes research.
- Implemented complex features and documented self-contained applications written in Java or R that are used within research data infrastructure, to support the Biorepository and Specimen Resource Center (BSRC), and on research applications.
- Ensured datasets are accessible and provided to research investigators and stakeholders in a manner consistent with Health Insurance Portability and Accountability Act (HIPAA), Institutional Review Board (IRB), legal agreements, and other appropriate standards.

University of Wisconsin - Whitewater **Whitewater, WI**
Undergraduate AI Researcher *Sept. 2019 - Dec. 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 a Natural Language Processing model to automate information extraction from online medical case reports.

Education

University of Wisconsin - Whitewater, College of Letters and Sciences **Whitewater, WI**
- Bachelor of Science in Computer Science *December 2020*
- Master of Science in Computer Science *December 2025*

Personal Projects

- **Information Extraction [GitHub]**: An Information Extraction (IE) tool and model to automate data/attribute extraction from online medical journals and electronic health records. Written in ***Python and Java***.
- **Monoalphabetic Cipher Decryption [GitHub]:** A program that performs cryptanalytic Ciphertext-Only Attack (COA) on the provided text document, using letter frequency analysis. Written in ***Java.***
- **Secure Authentication [GitHub]:** A secure authentication project that implements RSA and EAS cryptosystems. Written in ***Java.***
- **Whitewater Information Network for Students (WINS) [GitHub]:** A UW-Whitewater's WINS system clone built as a shopping cart system for UW-Whitewater students to select their classes. Written in ***Javascript, HTML, and CSS.***
- **Carrliitos [GitHub] [Link to Website]:** My personal multi-page website. Written in ***Javascript, HTML, and CSS.***