

# EDUARDO SALDANA

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🔗 EduSSCs

## EMPLOYMENT

Rev

Captioner · Apr. 2020 to Jan. 2021

- Provided accurate and timely captions for a variety of audio and video content, ensuring accessibility for individuals with hearing impairments.
- Transcribed and captioned a high volume of audio and video files, meeting strict quality and turnaround time requirements.
- Utilized transcription software and tools effectively to enhance productivity and accuracy in captioning tasks.

## EDUCATION

Brock University · Sept. 2019 to June 2023

B.S. Computer Science 2023

Minor in Economics

## SKILLS

**TECHNICAL SKILLS:** Python, Java, HTML, CSS, Javascript, Typescript, PHP, SQL, NoSQL, C++, React, Agile Methodology, Waterfall Methodology, React, Figma, Fluent in Spanish, Visual Studio, Android Studio

**SOFT SKILLS:** Ability to rapidly acquire knowledge and proficiency in emerging technologies,  
High level of self-motivation coupled with a persistent focus on delivering high-quality, results-oriented outcomes,  
Meticulous attention to detail in all tasks and projects with a creative approach to problem-solving,  
Highly developed interpersonal, verbal, and written communication skills, enabling effective collaboration

## PROJECTS

Niagara on the Lake Museum Exhibit Website

Jan. 2021 to May 2021

- Collaborated in a team to develop a website showcasing objects at the Niagara on the Lake Museum.
- Utilized Agile Methodology, creating both front-end and back-end components using HTML, CSS, JavaScript, JSON files, and other technologies.
- Managed project progress through sprints, ensuring timely delivery and continuous improvement.
- Created comprehensive documentation and conducted testing to enhance functionality, user experience, and future maintenance.

Feed-Forward Neural Network for Electric Motor Health Classification

Jan. 2021 to Apr. 2021

- Implemented Fast Fourier Transform (FFT) in Python to convert raw time-domain data of electric motor's current draw into frequency-domain representations.
- Built a Feed-Forward neural network with an input layer tailored to the chosen frequency of the data with an output layer that discriminates between working and malfunctioning motors.
- Initially trained the neural network using the entire data set to function as a memory, debugging the code to ensure functionality.
- Employed backpropagation for the training process, with the goal of effectively classifying motor health based on the frequency spectrum of the current draw.

## AWARDS

Dean's Honours List (2019, 2020, 2021, 2022)

Faculty of Mathematics & Science, Brock University

Recognized for exceptional academic performance, achieving an average of 80% or higher upon completion of 5, 10, 15, and 20 undergraduate credits

Brock Scholarship Award (2019)

BrockUniversity

Received for having an admission average of over 93%.