

# BRAULIO ARREDONDO

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## OBJECTIVE

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Cloud Engineer with 2+ years of experience in AWS, CI/CD, and Kubernetes seeking full-time roles.

## EXPERIENCE

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### Cloud Operations Engineer

Softtek

Feb 2021 - Present

*Monterrey, Nuevo León, Mx*

- 50 hours saved annually by building Gitlab CI/CD pipelines to query and delivery 20 AWS and cloudability resource mapping reports.
- 20 hours saved annually by building a Gitlab CI/CD pipeline to query, delete and reuse Atlassian App's user licenses using AWS SSM documents and SQL.

### Jr. Research Fellow

CONACyT

Jan 2019 - Dec 2020

*Monterrey, Nuevo León, Mx*

- Classification of Breast, Colon and Lung cancer histopathological images using Deep Learning and Machine Learning techniques. Project developed using Python, Pytorch, Keras, Pandas, Sci-Py and Scikit-learn, performed on Google Cloud services.
- More than 95% of accuracy for histopathological tissue images using Keras CNN.
- More than 90% of accuracy for histopathological tissue images using 5 computer vision techniques and 10 ML techniques.

## EDUCATION

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**Master of Science MS, Computer Science**, Instituto Tecnológico y de Estudios Superiores de Monterrey

Member of the Bioinformatics Research Group, CONACyT Full-ride Scholarship Award, GPA 9.6/10

**Bachelor of Information Technology**, Universidad de Guanajuato

Outstanding Student Award, GPA 10/10

## LICENSES & CERTIFICATIONS

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**DevOps with Docker** , University of Helsinki, Certificate ID: [b6eaf3f666422115c2a56c728eb326ae](#)

**Containers, K8s and Istio on IBM Cloud** , IBM, Badge ID: [wlkiAn4i](#)

**AZ-900: Microsoft Azure Fundamentals** , Microsoft, Certiport ID: [wNJYM-2FqG](#)

**AWS Certified Cloud Practitioner** , AWS, Badge ID: [95fe43f3-5fee-4318-9e91-bef76c68e394](#)

**Google Grow: Cloud Computing** , Google, Certificate ID: [DS8 4NF NY8](#)

**Data Scientist with Python** , Datacamp, Certificate ID: [#327,424](#)

## PUBLICATIONS

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**Histopathological Image Classification using Deep Learning** (Nov, 2021) ([repositorio.tec.mx](https://repositorio.tec.mx))

This thesis presents a study of digital pathology classification using and combining several techniques of machine learning and deep learning.

**A Further Search for Galactic Stars with Double Radio Lobes** (Jun, 2017) ([arxiv.org](https://arxiv.org))

Here we present a further search for double-lobed radio stars in two large samples of spectroscopic stars: over 20,000 white dwarves from the Sloan Digital Sky Survey (SDSS) DR12, and 2.5 million stars from the Large Sky Area Multi-Object Fiber Spectroscopic Telescope (LAMOST).