A. ABDIAS BALDIVIEZO

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EDUCATION

2019 -12/2020   **Brigham Young University Idaho**   Rexburg, Idaho
BS Software Engineering

2018 – 2019   **LDS Business College**   Salt Lake City, Utah
AAS Software Development

SKILLS

Programming: Java, JavaScript, Python, C++, R, PHP, *HTML, CSS, Bootstrap, Sass, Node.js, Git, Linux, Shiny, PostgreSQL, MSSQL, Heroku.*

Abilities: *Teamwork,* Team Version Control, Data Analytics, Machine Learning, Full Stack Web Development, Data Structures, DB administration, R&D.

Languages: English (Proficient), Spanish (Native), Portuguese (Proficient)

LEARNING PROJECTS

OpenCV
• *Number of fingers in a hand recognition with Python, OpenCV, SciKit, and Numpy.*

Quality Assurance Web App
• *Web App for BYU-Idaho Support Center, made with Node.js, Express, EJS, TeamDynamix API and Bootstrap.*

R Shiny Web App
• *Text analysis in modular website using OpenNLP, WordCloud, SnowballC, Shinyjs, Tm, and Tidyverse. Implementing tokenization, pos-tagging, stemming, text removal.*

Android Budget App
• *Gradle, Firebase, API calls, Threading, and Activities to track expenses and income.*

Customer Support Chatbot
• *Data mining in customer support records, pre-processing in R and Neural Network with Tensorflow Keras. NLP, NLU, NLG with NLTK using Python 3.7.*

EXPERIENCE

January 2020 -Present   BYU-Idaho – Business Solutions
Systems and Reports Specialist – *Maintained Node.js Web Apps hosted in Heroku, including monitoring Github, and third party Webhooks; Improved Java (Spring) programs (Http requests, API calls, Version Control, Gradle, Unit tests) in order to sanitize, process, and tailor data in thousands of records to fit the needs of the organization. Data Wrangling and Visualization for the University.*

VOLUNTEER

June 2013 – June 2015   Igreja de Jesuscristo dos Santos dos Ultimos Dias Belo Horizonte, Brazil
Full-time LDS Missionary Volunteer – *Taught in foreign language working towards goals with accountability to leaders through weekly reports.*