A. ABDIAS BALDIVIEZO

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# **EDUCATION**

2019 -present **Brigham Young University Idaho** Rexburg, Idaho

*BS Software Engineering*

* Graduation December 2020

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

*AAS Software Development*

* Graduated in 2019.

# **TOOLS**

*Knowledgeable*

* Java, JavaScript, Python, C++, HTML, CSS, Bootstrap, Sass, *Node.js, Git.*

*Competent*

* Linux (RHEL, Debian), PHP, R, Shiny, PostgreSQL, SQL server.

*Languages*

* English (Proficient), Spanish (Native), Portuguese (Proficient)

# **EXPERIMENTAL 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 website*

* *Built text analysis modular website using OpenNLP, WordCloud, SnowcallC, Shinyjs, implementing tokenization, stemming, text removal, etc.*

*ID3 Algorithm*

* *Construction of ID3 algorithm for Decision Trees. Predictions of 90% average on various datasets , implemented Pandas and Scikit.*

# **EXPERIENCE**

January 2020 -Present BYU-Idaho – Business Solutions

***Systems and Reports Specialist*** *– Maintained reports and QA webapp built with Node.js, Implemented Java programs to sanitize data in thousands of records, 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 and worked towards goals with accountability to leaders through weekly reports.*