JOSHUA B. DONALDSON

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Education

Brigham Young University - Idaho   January 2018 - April 2022
Bachelor of Science in Computer Science GPA 3.05   Rexburg, ID
Extra curricular:
Built request interpreter in Rust language
Created machine learning model and messaging application for creating support groups for individuals struggling with depression or suicide

Relevant Experience

Juni Learning   August 2021 - Present
Computer Science Instructor   Remote
- Taught basic coding principles, practices, data structures, and problem solving
- Communicated to students proper syntax in Java, C++, and Python
- Guided students in 6 step problem solving technique identify problem, define goals, find cause, make action plan, execute and reevaluate
- Developed new ways to communicate ideas, strategies and engineering concepts without ambiguity to students ranging from 10 years old to 16 years old

Brigham Young University Idaho   January 2021 - August 2021
Database Design and Development TA   Rexburg, ID
- Guided students understand basic database and design principles
- Instructed students how to use MySql and query database using SQL
- Analysed 48 students work and delivered feedback on areas of improvement

Tools

- Python (current language)
- C++
- Java
- Rust
- HTML, CSS, JavaScript, PHP
- Microsoft PowerPoint, Word and Excel
- Class B CDL
- Android Studio
- Firebase

Volunteer Experience

CIT Drop In Lab   April 2021 - August 2021
Tutor   Rexburg, ID
- Tutored for Software Development, Database Design and Development, Object oriented Programming, Data Structures and Web Development instructing 20 students during semester

The Church of Jesus Christ of Latter-Day Saints   October 2014 - October 2016
Full-time Volunteer Representative   Morristown, NJ
- collaborated with 5 church councils to answer congregation issues
- Trained other full-time volunteers regarding principles of short and long-term goal setting
- Lead missionary leadership increasing area increasing productivity from 5th to 2nd in region
- Developed door to door contacting techniques improving number of contacts from 3 a week to 10

Courses

- Software Engineering 1
- Database Design and Analysis
- Software Development
- Parallelism and Concurrency
- Data Structures
- Object Oriented Programming