BYU IDAHO

CERTIFICATE

On recommendation of the University Faculty and on authorization of the President and the Board of Trustees, Brigham Young University-Idaho has awarded

Hugo Leonardo L. Almeida

this certificate in

Web Development

Together with the honors, rights, privileges, and responsibilities pertaining thereto.

GIVEN IN REXBURG IN THE STATE OF IDAHO THE EIGHTEENTH DAY OF DECEMBER IN THE YEAR OF OUR LORD TWO THOUSAND AND TWENTY-FOUR

CERTIFICATE LEARNING OUTCOMES

- Demonstrate skills in HTML, CSS, JavaScript, databases, and server-side development using PHP or .NETNode.
- Write operational code to pass and obtain data from a server including PHP and JavaScript.
- Inject data into the DOM (document object model) for dynamic web site applications.
- Show skill with database servers (Relational and NoSQL) and tools to design and build basic databases needed for dynamic web applications.
- Demonstrate proficiency in SQL code to implement a CRUD (Create, Read, Update and Delete) management tool using a web interface.
- Differentiate between web application and device application development best practices and implementations.

PRESIDENT OF THE UNIVERSITY

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REXBURG, IDAHO

ACADEMIC VICE PRESIDENT