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#### Marco Antonio Bustillos Quiroz

Institution: Brigham Young University—Idaho

Degree: Certificate

Graduation Date: July 22, 2020

Lauri Alensmeyer, University Registrar

This eDiploma was digitally Signed and Certified on Dec 21, 2020.

## One-Click Degree Verification

eDiploma - Signed and Certified PDF

To validate the Signature and Certification of this eDiploma, you must open this PDF with Adobe Reader or Adobe Acrobat. You will see a Blue Ribbon at the top of the document validating the digital Signature used to Certify this eDiploma.







# CERTIFICATE

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

#### Marco Antonio Bustillos Quiroz

this certificate in

### Web Backend Development

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

GIVEN IN REXBURG IN THE STATE OF IDAHO THE TWENTY-SECOND DAY OF JULY IN THE YEAR OF OUR LORD TWO THOUSAND AND TWENTY.

#### CERTIFICATE LEARNING OUTCOMES

- · Demonstrate skills in HTML, CSS, JavaScript, databases, and server-side development using PHP or .NET.
- · 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.

Henry J. Eyring PRESIDENT OF THE UNIVERSITY



ACADEMIC VICE PRESIDENT