

William Nicholas Bork Rodriguez

Researcher, Teacher, & Web Developer

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SUMMARY STATEMENT

Researcher, Teacher, & Web Developer with experience in 3 countries (USA, Taiwan, and Mexico). Recent graduate of full stack web developer program building responsive web applications primarily in JavaScript and related frameworks and libraries, such as React.js and Node.js, in the Model-View-Controller architectural pattern. EdTech and machine learning enthusiast. Cross-cultural competency and multilingual skills (English, Spanish, Chinese). Life-long learner and current doctoral student in educational technology and psychology. Leadership experience and training. Soon to be licensed as a school-building principal. Seeking roles that allow me to combine my growing technical skills with my experience in K-12 education to create innovative solutions for challenges in teaching and learning.

TECHNICAL SKILLS

Programming Languages

JavaScript, HTML5, CSS3

Frameworks & Libraries

jQuery, Node.js, React.js, Ajax, Handlebars, Bootstrap, Materialize, Sequelize, Express

Platforms

GitHub, GitLab, Linux, Windows, MacOS

Software Applications

Responsive Web Apps, APIs, User Authentication

Database Management

MongoDB, MySQL, Firebase

Deployment

Heroku, GitHub Pages, Self-Hosting

Other Tools / Skills

Git collaboration and Conflict Resolution, Debugging tools

EDUCATION

Ph.D. in Educational Psychology & Educational Technology (*in progress*)

Michigan State University

Full Stack Web Developer Program

Tecnológico de Monterrey

Educational Leadership Licensure

Indiana University

Master of Science in Literacy, Culture, and Language Education

Indiana University

Bachelor of Science in Education

Butler University

REPOSITORIES

<https://github.com/WilliamBork33>

PROFESSIONAL EXPERIENCE

Intern - Enroute

Monterrey, Nuevo León, México

September 2018 - Present

Achievements & Activities:

- Paid internship for 6 weeks of full stack development training through project-based learning.

Full Stack Web Developer Program - Tecnológico de Monterrey

Monterrey, Nuevo León, México

April 2018 - September 2018

Portfolio: <https://github.com/WilliamBork33>

Achievements & Activities:

- Built responsive web applications primarily in JavaScript and related frameworks and libraries, such as React.js and Node.js, in the Model–View–Controller architectural pattern.
- Worked collaboratively through the entire development lifecycle.
- Git source control.
- Incorporated API calls into web applications.
- HTTP routing methods.
- CRUD data on relational databases and non-relational databases.
- Deployed applications to cloud, local, and remote servers.
- Terminal command line navigation and file manipulation.
- Debugged other developers' code.

Elementary Language Immersion Educator - Colegio Inglés de Monterrey

Monterrey, Nuevo León, México

April 2017 - June 2018

Projects: *Piloting Robotics in Primaria (Dot & Dash)*, *Algorithm Thinking Through Code.org*

Achievements & Activities:

- Grade 5 elementary educator at K-9 “Apple Distinguished School”.
- Teach 26 students daily in an English language immersion context.
- Planned and taught 4 content areas: Math, Science, English Language Arts, and Code.org.

RECENT APPLICATIONS

jokeGenerator - Sole Developer

A joke generator using XMLHttpRequests for an Chuck Norris Joke API.

HTML, CSS, JavaScript, Skeleton, Materialize, API

[Live Link](#)

[Code Repository](#)

friendFinder - Sole Developer

A compatibility-based "FriendFinder" application. Surveys users then displays the name and picture of the user with the best overall match.

HTML, CSS, JavaScript

[Live Link](#)

[Code Repository](#)

Nude Studio - Developer for Backend

Server and User Authentication

A ecommerce platform with MySQL database.

Handlebars, Bootstrap, CSS, JavaScript, jQuery, APIs, Passport, MySQL.

[Live Link](#)

[Code Repository](#)

click-game-react - Sole Developer

A stateful game built in React.

React, JavaScript, CSS, HTML

[Live Link](#)

[Code Repository](#)

BAMazon - Sole Developer

A command line node application that guides the user through a shopping experience. Connected to a MySQL database.

JavaScript

[Code Repository](#)

newsWebscraper - Sole Developer

A webscraper that runs built on JavaScript using MongoDB and Mongoose for database functions.

JavaScript, HTML, CSS

[Live Link](#)

[Code Repository](#)

NON-TECHNICAL PROFESSIONAL SKILLS

K-12 Educational Leadership

- Teacher Development & Evaluation / School Community Relations / Education Law / Curriculum & Instructional Leadership / Culture Building / Human Capital Management / Financial Resources Planning & Budgeting.

Educational Technology

- 1-to-1 Device Classrooms / Robotics (Dot & Dash, Sphero) / LMS / Educational Applications.

Curriculum Design, Lesson Planning, & Teaching

- Mathematics / Science / Programming / Foreign Language / Bilingual Education / Literacy / ENL / Multicultural Education / Human Movement, Fitness, & Sport Education / Student Leadership Skills.

Teacher Training

- Classroom Systems / Space & Materials Organization / Behavior Management / Curriculum Design / Online & Traditional Lesson Planning / Instructional Coaching.

Research Design & Implementation

- Qualitative / Quantitative / Mixed-Methods.

Academic Writing

- Writing, editing, and proofreading services for Non-Native English writers.

Fund Raising

- Grant Writing & Crowdsourcing Funding.

Languages

- English (native) / Spanish (advanced) / Mandarin Chinese (novice).