William Nicholas Bork Rodriguez

Full Stack Web Developer

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SUMMARY STATEMENT

Researcher, Teacher, & Web Developer with experience in 3 countries (USA, Taiwan, and Mexico). Current student of full stack web developer program (JavaScript, jQuery, Node.js, Express.js, APIs, MySQL, MongoDB, Firebase, HTML5, CSS3, Git, and more). 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, Express.js, Ajax, Handlebars, Bootstrap, Materialize, Sequelize

Platforms
GitHub, GitLab, Linux, Windows, MacOS

Software Applications
APIs, Responsive Web Apps, User Authentication

Database Management
Firebase, MongoDB, MySQL

Deployment
Heroku, Github Pages, Self-Hosting

Other Tools / Skills
Git collaboration and conflict resolution, Debugging tools

EDUCATION

Full Stack Web Developer Program *(in progress)*
Tecnológico de Monterrey

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

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

RECENT APPLICATIONS

Personal Website - Front & Backend Developer
A static portfolio website.
HTML, CSS, Bootstrap
[Live Link](#)
[Code Repository](#)

Crystal Collector Game - Front & Backend Developer
A game inspired by Blackjack. Try to match a number without going over!
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](#)

Rock Paper Scissors Game - Front & Backend Developer
A classic game of Rock, Paper, Scissors.
HTML, CSS, Bootstrap, JavaScript, and jQuery
[Live Link](#)
[Code Repository](#)

Swappeat - Front & Backend Developer for Dashboard
A recipe finding web application with user login and dashboard.
HTML, CSS, Materialize, JavaScript, jQuery, APIs, User Authentication
[Live Link](#)
[Code Repository](#)

PROFESSIONAL EXPERIENCE

Full Stack Web Developer Program - Tecnológico de Monterrey
Monterrey, Nuevo León, México
April 2018 - Present
Project Portfolio: http://www.williambork.com/

Achievements & Activities:
- Build both front-end and back-end web and mobile applications.
- Work collaboratively through the entire development lifecycle.
- Source control through Github.
- HTTP Routing Methods.
- CRUD data on relational databases and non-relational databases.
- Deploy applications to cloud, local, and remote servers.
- Incorporate API calls into web applications.
- Build and run applications with node.js
- Integrate user-authentication.
- Terminal command line navigation and file manipulation.
- Reading and debugging 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.

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 & Crowdsource Funding.

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