

Julio Enrique Vega Negrón

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SUMMARY

Multidisciplinary technology and business professional with expertise spanning Data Analytics, Business Intelligence, SharePoint Administration, Microsoft 365 Solutions, Educational Technology, Systems Administration, Process Automation, Curriculum Operations, Digital Communications, and Organizational Transformation.

Combining a foundation in Mechanical Engineering, Computer Science, and Business Administration, I bring a unique ability to bridge technology, operations, strategy, and human-centered problem solving.

Over the course of my career, I have supported higher education institutions, government agencies, nonprofit organizations, and private-sector teams through data-driven decision making, dashboard development, digital transformation initiatives, SharePoint solutions, process automation, reporting systems, and technology implementation projects.

My experience includes Power BI development, SharePoint administration, Microsoft ecosystem management, data migration projects, workflow optimization, curriculum development support, systems administration, web development, business intelligence, and technical leadership.

I am passionate about leveraging technology, data, automation, and artificial intelligence to help organizations improve efficiency, increase visibility, and create sustainable operational solutions.

EDUCATION

Interamerican University of Puerto Rico

Bachelor of Science in Computer Science, Magna Cum Laude

Interamerican University of Puerto Rico

Master of Business Administration (MBA), Concentrations in Marketing and Human Resources

University of Puerto Rico – Mayagüez

Bachelor of Science in Mechanical Engineering

Universidad del Sagrado Corazón

Graduate Studies in Digital Journalism

EXPERIENCE

Team Lead, IT & Academic Systems Operations

2024 – Present

Northbridge University / NUC University Online Division

Provide leadership and technical support for curriculum development operations, academic systems, and institutional technology initiatives.

Collaborate with faculty, subject matter experts, academic leadership, and cross-functional teams to improve operational efficiency and support educational technology projects.

- Lead technology initiatives supporting curriculum development and academic operations.
- Coordinate SharePoint administration and data management activities.
- Participate in SharePoint migration and modernization projects.
- Support institutional reporting and operational improvement initiatives.
- Collaborate in the development and implementation of digital workflows.
- Assist with process improvement and technology adoption efforts.
- Provide technical support and documentation for academic systems.
- Participate in dashboard planning and reporting initiatives.
- Coordinate special projects across multiple institutional departments.

Data Analyst | Server Administrator | Digital Competencies Instructor

2021 – Present

Consortio de Bibliotecas Metropolitanas (COBIMET)

Support organizational operations through analytics, reporting, systems administration, training, and technology implementation.

- Develop Power BI dashboards and reporting solutions.
- Analyze organizational data to support decision making.
- Design reports and visualizations for executive stakeholders.
- Administer Debian-based server environments.
- Support KOHA Library System implementation and integration.
- Create technical documentation and training resources.
- Facilitate digital competencies training programs.
- Conduct performance analysis and organizational reporting.

Residential Property Analyst

2019 – 2021

Osceola County Property Appraiser

Performed property valuation analysis using GIS technologies, market research, statistical analysis, and government appraisal methodologies.

- Conducted property valuation and market analysis.
- Utilized GIS, ArcView, and CAMA technologies.
- Performed geospatial data analysis.
- Prepared valuation reports and supporting documentation.
- Evaluated market trends and comparable sales.
- Supported government property assessment initiatives.

Field Appraiser

2016 – 2019

Osceola County Property Appraiser

Conducted field inspections, property analysis, GIS data collection, valuation support, and government assessment activities.

Field Appraiser

2015 – 2016

Orange County Property Appraiser

Conducted field inspections, property analysis, GIS data collection, valuation support, and government assessment activities.

PROJECTS

Radio Borinquen 1160 | Radio Host & Producer

Central American and Caribbean Games – Mayagüez 2010 | Digital Journalist & Web Consultant

University of Puerto Rico – Mayagüez | Webmaster, Journalist & Sports Statistical Analyst

TECHNICAL SKILLS

Data Analytics

Business Intelligence

Power BI Dashboard Development

SharePoint Administration

Microsoft 365 Solutions

Data Migration & Governance

Process Automation

Power Automate

Educational Technology

Curriculum Development Operations

Systems Administration

Digital Transformation
Reporting & KPI Development
Web Development
WordPress Administration
SQL & Database Concepts
Artificial Intelligence Workflows
Technical Documentation
Cross-Functional Leadership
Project Coordination
GIS & Geospatial Analytics
Property Valuation Analytics
Power BI
SharePoint
Microsoft 365
Excel
SQL
WordPress
HTML
CSS
JavaScript
Python
Azure
Debian Linux
KOHA
GIS
ArcView
Adobe Creative Cloud

DIGITAL MEDIA & COMMUNICATIONS EXPERIENCE

Developed expertise in digital communications, content creation, analytics, web administration, audience engagement, research, and data interpretation.

PROFESSIONAL MISSION

I help organizations connect technology, data, people, and processes to build smarter systems, improve decision-making, and drive sustainable digital transformation.