Artemio Rodriguez

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EDUCATION

Northern Illinois University   DeKalb, IL
B.S. in Computer Science   *December 2023*
- **GPA:** 3.70/4.00
- **Certifications:** Mobile Programming   *December 2023*
- **Course Highlights:** Database Systems**,** Software Engineering**,** Data Structures & Algorithms, Operating Systems

WORK EXPERIENCE

ALDI   Aurora, IL
Data Engineer Internship   *May 2022 – August 2022*
- Initiated 15-30 minute meetings with business and analytical teams to comprehensively understand and document specific data for report generation.
- Reviewed an average of 5 data sources daily by extracting essential information using SQL during meetings with Analytics, fostering cross-departmental collaboration.
- Achieved a 15% improvement in data integration and participating in ETL processes shadowing a senior colleague. Acquired a solid understanding of data transformation techniques.
- Shadowed a senior colleague to gain hands-on experience in implementing Tableau for data visualization projects.

PROJECTS

Auto Parts Catalog E-Commerce Website   DeKalb, IL
Software Engineer   *April 2023 – May 2023*
- Led the project team in the development of an e-commerce website, taking a hands-on role in database development and infrastructure setup.
- Engineered a high-performance communication channel between server and database through Express.js and MongoDB, resulting in a 40% decrease in data retrieval time and a 25% boost in system responsiveness.
- Designed and implemented endpoints and routes for REST APIs to ensure seamless data retrieval and interaction with the frontend.
- Directed the integration of Git for version control, enhancing collaboration and code management, resulting in a reduction in code conflicts and a 10% improvement in overall project delivery timelines.

LEADERSHIP EXPERIENCE

Association for Computing Machinery   DeKalb, IL
Member   *August 2023 – December 2023*
- Facilitated the welcome process for speakers in the Association for Computing Machinery by ensuring a smooth and inviting introduction for individuals presenting on various technologies, by contributing to the organization's commitment to knowledge sharing.

The Braven Accelerator   DeKalb, IL
Fellow   *August 2023 – December 2023*
- Developed workforce skills such as leadership, operating and managing, communicating & networking, working in teams, and problem-solving by completing a 15-week leadership and professional development course.
- Designed a career plan by outlining seven specific, short-term goals using the SMART goals method and identifying possible obstacles, strengths, and support systems to help achieve each goal.
- Guided the development of a prototype for a student reward app aimed at solving a real problem for United Airlines; utilized Figma for design implementation and achieved an impressive 85% approval rating in user testing.

SKILLS

Programming Languages: Java, JavaScript, SQL
Technologies: Terminal, Git, Unix/Linux, HTML
Development Methodologies: Object-Oriented Programming (OOP), Agile Methodologies