

DENI VELASQUEZ

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Education

B.S Computer Science - Moravian University, May 2025

A.A.S Computer Science - Northampton Community College, May 2023

GPA: 3.6

Work Experience

Software Developer Intern

MIAC Analytics

03/2023 – 12/2023

- Developed machine learning models using pandas and scikit-learn in Python, employing Decision Tree, Logistic Regression, SVM, and more techniques.
- Achieved up to 92% F1 scores and maintained 95% accuracy on extensive datasets up to 100,000 records.
- Conducted data cleaning and preprocessing initiatives to enhance dataset quality and accuracy.
- Integrated Jupyter prototype into Visual Studio using C# and .NET Framework.
- Extensive use of C# for code analysis, debugging, and enhancements.
- Transitioned code from C++ and Python to C# while maintaining functionality.
- Integrated HTML, CSS, JavaScript, and TypeScript within the Angular Framework for optimal web application development.
- Conducted data set enhancements related to DLL dependencies, root directory identification, and file structure investigation for data accessibility.
- Collaborated in frontend and backend development teams using Bitbucket, Jira Software, and Microsoft Teams.

Web Developer Intern

BKWeb Productions

10/2022 – 05/2023

- Employed HTML, CSS, and JavaScript for a non-profit's website, driving sponsor interest and securing \$10,000 and more in sponsorships, with ongoing opportunities.
- Spearheaded optimization initiatives to enhance website speed and drive traffic growth, resulting in a 105% increase in site visits and an 84% surge in pageviews.
- Utilized Adobe technologies such as Photoshop, Illustrator, and Dreamweaver for graphic design and optimizing visuals in web development.

PC Repair Clinic Staff

Northampton Community College

10/2022 – 05/2023

- Increased customer satisfaction rate from 50% to 95% through effective communication and timely resolution of technical issues.
- Performed routine maintenance tasks including weekly virus scans, monthly software updates, and quarterly hardware checks to minimize system failures and improve performance.

Honors and Recognition

- Internship Excellence Award (04/2023): Recognition for Outstanding Achievements and Performance
- Department of Defense Award for STEM Education (01/2023 – 06/2023)
- Intern Highlight at BKWeb Productions (05/2023): Dedication to Excellence and Exceeding Expectations
- Charles H. Davison Memorial Scholarship Endowment in Electronics & Information Systems