

# Elizabeth C. Mangano

Huntersville, NC

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[www.linkedin.com/in/elizabeth-mangano](https://www.linkedin.com/in/elizabeth-mangano) • <https://github.com/emangano2816> •

<https://emangano2816.github.io/Portfolio/>

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Experienced business analyst and testing specialist eager to utilize Certificate in Coding: Full Stack Web Development from the University of North Carolina at Charlotte. Excited to use newly acquired knowledge in HTML, CSS, JavaScript, and MySQL to develop user-friendly, responsive, mobile-first applications that interact with the server and database seamlessly and efficiently. With an eye for detail, strong organization and problem-solving abilities, and dogged determination, deliverables are consistently produced in a timely, accurate, and polished manner.

## TECHNICAL SKILLS

HTML, CSS, JavaScript, jQuery, SQL, GitHub, Git, Node.js, Visual Studio, MySQL, SQL Developer, SAS, Bugzilla, IBM Cognos Analytics, MS Access, MS Excel, MS Word, MS Visio, Outlook

## PROJECTS

### MOVIE-DRINK MATCHMAKER

**Links:** <https://bit.ly/3eKpzT5> (Application), <https://bit.ly/2W54njX> (GitHub)

**Technologies:** HTML, CSS, Bulma CSS, JavaScript, jQuery, Third-party APIs, Moment.js

Worked collaboratively with 4 peers to develop a responsive, mobile-first Movie-Drink Matchmaker application. The user selects a movie genre and drink type and the application returns movies and drinks meeting the criteria. The user is able to scroll through suggested movies and drinks until finding a favorite combination. The favorite combination is saved to local storage and persists on the favorites page of the application.

### JAVASCRIPT CODE QUIZ

**Links:** <https://bit.ly/2V74nja> (Application), <https://bit.ly/3iCb3xH> (GitHub)

**Technologies :** HTML, CSS, JavaScript, Local Storage

The Code Quiz tests a user's JavaScript knowledge. The user has 30 seconds to answer 10 questions. Each correct answer earns 5 points. Each incorrect answer deducts 10 seconds from the timer. When time is up or all questions have been answered the user is able to save their score and initials to the high scores page of the application.

### WEATHER DASHBOARD

**Links:** <https://bit.ly/2TuW4qD> (Application), <https://bit.ly/3eLiyBm> (GitHub)

**Technologies:** HTML, CSS, Bootstrap CSS, JavaScript, jQuery, moment.js, Third-party APIs

The Weather Dashboard application takes in a user specified city and returns the current and 5-day forecast for that city. The searched cities are "pinned" to the application for reference. Clicking on the "pinned" cities retrieves the forecast as before.

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## EXPERIENCE

ITS CONSULTING, Lutherville, MD  
**Business Analyst/Testing Specialist, GCOM**  
**Business Analyst, Computer Aid Inc**  
**Business Analyst, Deloitte & Touche LLP**

**2011 – Present**

*2012 - Present*

*2012*

*2011 - 2012*

Provide functional support for the Maryland State Department of Education (MSDE) Longitudinal Data Feeder System Maintenance and Support contract. Serve as liaison between development team and MSDE end users. Log and review support requests to determine defect type and severity. Replicate defects in test region. Work with development team to produce business solution strategies to meet client's needs.

- Design and execute test cases that conclusively verify the accuracy and integrity of resolved defects/newly developed functionality.
- Effectively manage and replicate requests from various POCs, for 3 applications and 5 modules ensuring Production issues are addressed in a timely manner.
- Interpret and translate client needs into workable requirements resulting in deployments that are successful and produce desired outcomes.

MARYLAND STATE DEPARTMENT OF EDUCATION (MSDE), Baltimore, MD  
**Education Program Specialist, Division of Accountability and Assessment**

**2008–2011**

Worked and collaborated with Oracle developers to manage and update annually the student discipline data collection apparatus. Experienced at identifying and resolving program bugs. Dedicated to improving process flow, ensuring data quality, enhancing product functionality, and satisfying business needs.

- Developed SAS programs to replicate application processes; successfully validating all internal application calculations and generated output.

## EDUCATION

**UNIVERSITY OF NORTH CAROLINA at CHARLOTTE, Charlotte, NC**

Coding: Full Stack Web Development Certificate

*Expected: 10/2021*

**OHIO STATE UNIVERSITY, Columbus, OH**

Master of Applied Statistics, *Fellowship Recipient*

**OHIO UNIVERSITY, Athens, OH**

Bachelor of Science in Education, *Summa Cum Laude*