Erika Williamson

Dayton, OH • 513-206-3266 • erikawilliamson11@gmail.com • linkedin.com/erikagwilliamson • github.com/eg842385

SUMMARY

Self-driven tech professional with a strong scientific background and a passion for data analysis. Possesses excellent analytical thinking and problem-solving abilities. Experienced in creating applications and working collaboratively on technical projects. Seeking a dynamic data analyst role to leverage technical expertise and provide data-driven insights for exceptional client and consumer experiences while fostering professional growth.

TECHNICAL SKILLS

Agile, CSS, E/R diagrams, Git, HTML, Integration Testing, IntelliJ, Java, JavaScript, JDBC, JSON, PostgreSQL, Restful APIs, Spring Boot, SQL, Table Design, Unit Testing (JUnit), Vue.js

TECHNICAL EXPERIENCE

Tap Navigator Application

- Developed a brewery finder app, a Vue.js application enabling users to discover, view, and manage brewery and beer details with a responsive and user-friendly interface
- Implemented comprehensive CRUD functionality for breweries and beers, leveraging Vuex for state management and Axios for seamless API interactions, ensuring real-time data updates
- Ensured robust user authentication and authorization by integrating role-based access controls, allowing secure operations for admins and brewers, and maintaining data integrity and user privacy

Tools: Vue.js, Vuex, Axios, JavaScript, RESTful APIs, Git, HTML, CSS, PostgreSQL, Java, IntelliJ, OOP, Git

TEnmo Application

- Joined forces with two partners to construct and implement the TEnmo platform, leveraging Java for the development of the command-line application and RESTful API for bolstering user account security with authentication
- Enforced account creation with an initial balance, implemented secure user authentication via tokenization, and enabled real-time transaction validation, leveraging programming expertise and API integration skills
- Allowed users to view account balances and transaction history for each account.

Tools: Java, PostgreSQL, RESTful API, Tokenization, IntelliJ, Git, SQL

Trivia Trail

- Creating an engaging Java-based trivia game application featuring dynamic question randomization, scoring mechanics, and an intuitive text-based user interface (CLI)
- Empowers users to choose from 4 different study or play categories and integrate new questions into the game's question set, leading to enriched learning experiences and varied content
- Leveraging Object-Oriented Programming (OOP) principles and advanced backend development skills to ensure maintainability, scalability, and an enhanced user experience

Tools: Java, JUnit, IntelliJ, OOP, Git

EDUCATION

Tech Elevator | Dayton, OH   Sep '24 - Dec '24

Full-stack bootcamp designing software systems and solutions with 800+ hours of education and application

University of California San Diego | Remote   Mar '23 - Oct '23

Coursework completed in Genetics and Biochemistry for professional development

Liberty University | Lynchburg, VA   Jan '16 - May '19

Bachelor of Science in Biology

PROFESSIONAL EXPERIENCE

Genetic Counseling Clinical Extender   Sep '22 - Aug '24

OhioHealth | Columbus, OH

- Extracted and analyzed critical information from medical records of oncology patients to create detailed pedigrees for genetic counseling sessions, handling over 30 patient records weekly with meticulous attention to medical terminology and detail
- Collaborated with genetic counselors to ensure accurate data entry of medical records, family demographics, and referral information into Progeny software, optimizing patient referral processes
- Strengthened cross-departmental communication among laboratories, genetic counselors, and other teams to relay timely updates on key details, demonstrating strong interpersonal skills, problem-solving abilities, and adaptability

Virtual Operations Assistant   Mar '22 - Nov '22

GlobeSage Travel | Remote

- Improved efficiency by 3 hours per week by optimizing bank and credit card reconciliation for clients
- Enhanced client satisfaction by optimizing virtual operations to ensure seamless event and travel planning
- Facilitated travel bookings for over 50 clients, curating unforgettable experiences for various types of travel