

# Erika Williamson

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

Motivated professional actively pursuing a career as a Data Analyst or Business Intelligence Analyst. Skilled in SQL, data analysis, and problem-solving, with ongoing training in Power BI and data visualization to generate actionable insights and support data-driven decision-making. Complemented by a strong technical foundation in software development, I thrive in collaborative, fast-paced environments and bring a proven history of leadership, adaptability, and a strong work ethic.

## TECHNICAL SKILLS

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

## TECHNICAL EXPERIENCE

### Tap Navigator Application

- Designed and developed a Vue.js application featuring CRUD functionality and state management, enabling users to access and update brewery data dynamically via API integration.
- Built robust backend logic to authenticate users and provide secure, real-time data updates, demonstrating proficiency in handling structured datasets.
- Utilized PostgreSQL to organize and manage a relational database, ensuring efficient querying and data handling for optimized application performance.

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

### TEnmo Application

- Designed and implemented secure account creation and tokenized user authentication for real-time transaction validation, integrating RESTful APIs to ensure data integrity.
- Analyzed and displayed user account balances and transaction histories, showcasing attention to detail and data organization skills.
- Applied SQL to maintain and query structured data, providing accurate financial records and summaries within the application.

**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

- Analyzed and extracted critical data from oncology patient records, creating detailed pedigrees to assist genetic counselors in decision-making, managing over 30 records weekly with precision and accuracy
- Streamlined patient referral processes by ensuring accurate data entry and optimization of medical records, family demographics, and referral information in Progeny software
- Collaborated with cross-departmental teams, including laboratories and genetic counselors, to communicate key insights effectively, showcasing strong analytical and interpersonal skills

### 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