

Erika Williamson

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SUMMARY

Self-driven junior software developer with a strong background in science, equipped with analytical thinking and problem-solving skills. Adept at creating applications and working collaboratively on technical projects. Seeking a dynamic position to leverage technical expertise and deliver 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 critical information from medical records of oncology patients, creating detailed pedigrees to support genetic counseling sessions, 30+ patient records weekly, with a focus on utilizing medical terminology and attention to detail
- Collaborated with genetic counselors to ensure accurate entry of medical records, family demographics, and referral data into Progeny software, optimizing the patient referral process
- Reinforced cross-departmental communication within laboratories, genetic counselors, and other teams to relay timely updates on key details, showcasing 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