Olivia Bryant

Jarvis Developer Training

I'm Olivia Bryant, as a software developer with a Bachelor of Computing in Computer Science. From building full-stack web apps to developing real-time chatroom applications, I have a proven track record of successful projects. Let's create something amazing together!

Skills

Programming languages: Python, JavaScript, HTML, CSS, SQL, VBA, Java, C, jQuery, Angular, Node.js, Express.js, Linux/Bash, Git

Frameworks & Libraries: NumPy, Pandas, Matplotlib, Flask, Express.js, Socket.io, jQuery, Bootstrap, Leaflet.js

Database Technologies: MySQL, PostgreSQL, MongoDB, SQL, NoSQL, Python, Pandas, SQL, Oracle, Database Design & Querying, Data Analysis & Interpretation

Web Technologies: AJAX, API Development, Geomapping, Cross Origin Resource Sharing (CORS), Flask, Ember.js

Skills & Techniques: Collaboration, Communication, MS Office, Attention to Detail, Organization, Independent Problem Solving, Decision Making, Research and Analytical Skills, Self-motivated, Results-Oriented, Relationship-building abilities, Troubleshooting, Quick Working

Projects

1. Linux Cluster Monitoring Agent (Linux and SQL)

- I developed a Linux Cluster Monitoring Agent with RDBMS and SQL, showcasing my skills in system monitoring, database management, and SQL optimization. This application efficiently collects real-time metrics from a Linux cluster, stores them in an RDBMS, and allows for insightful analysis and reporting. I honed my expertise in Linux system administration, data modeling, and query optimization. This project emphasizes scalability, fault tolerance, and security, providing a valuable tool for managing and optimizing large-scale cluster environments.

2. Core Java Apps

- **Twitter App**: I created a Core Java Twitter application that highlights my skills in API integration, real-time data handling, and user interface design. This app seamlessly interacts with the Twitter API, allowing users to search tweets, display real-time streams, post tweets, and interact with

user profiles. I focused on creating a user-friendly interface and enhancing user experience with real-time updates and customizable display options.
- **JDBC App**: I developed a Core Java JDBC app that demonstrates my skills in working with databases. This application allows users to interact with a database by performing CRUD operations and retrieving specific data efficiently. Through this project, I enhanced my knowledge of SQL queries, database schema design, and data modeling.
- **Grep App**: I built a Core Java Grep application that showcases my expertise in file handling, text parsing, and pattern matching. This app efficiently searches for specific patterns within files and provides users with valuable insights. It utilizes Java's file I/O capabilities, employs multi-threading techniques for faster execution, and enables users to customize search options.

3. **Springboot Trading REST API**

- Not Started

4. **Hadoop/Hive**

- Not Started

5. **Spark/Scala**

- Not Started

6. **Cloud/DevOps**

- Not Started

Professional Experience

Software Developer, Jarvis Consulting (March 2023-present)

- As a Software Developer, I am responsible for completing a variety of projects as part of my training to become a skilled software developer. With a strong focus on web development, database management, and IT support, I am honing my technical skills and delivering high-quality solutions. Joining Jarvis Consulting has provided me with valuable hands-on experience and the opportunity to contribute to real-world projects.

IT Specialist Intern, AstraZeneca Canada (Summer 2020)

- As an IT Specialist Intern at AstraZeneca Canada, I gained practical experience in managing the design, development, and content of the company's IT Intranet. I developed creative online graphic designs for publication on the intranet, enhancing its visual appeal and user experience.

- I played a key role in increasing self-serve support for users by preparing and transferring over 100 translated articles using ServiceNow.

- Utilizing Excel, I conducted analysis to ensure employee mobile data was presented in an easy-to-understand format. Through identifying discrepancies, I contributed to cost savings for the company.

- I actively participated in project planning and execution, collaborating with team members to ensure the successful completion of IT initiatives.

Founder, Swimming 2.0 (Summer 2018 – Summer 2022)

- As the founder of Swimming 2.0, I established and operated a successful swimming lessons business during the summers from 2018 to 2022. I taught up to 100 students each summer, providing swimming instruction to individuals of various skill levels.

- In addition to teaching, I managed all aspects of the business, including marketing, scheduling, and customer service. To optimize operations and time management, I hired and supervised employees, enabling efficient business growth.

- I developed and implemented comprehensive lesson plans tailored to the needs of children at different skill levels, creating a safe and supportive learning environment.

- Leveraging technology tools such as scheduling software and online payment systems, I streamlined business operations and enhanced the overall customer experience.

Education

- **University of Guelph (2018-2022)**, Bachelor of Computing, Computer Science

- **University of Toronto (February 2023 - July 2023)**, Data Analytics Bootcamp

Miscellaneous

- Swimming Instructor, 2018-2022
- Competitive Swimming, 2014-2017
- Volunteer, Mayor's Youth Action Team, King Township, 2015