Ottawa, ON, Canada
343-777-6143

VIVIAN TRAN

tran0472@algonquinlive.com
https://vytr.me

Permanent resident - Willing to relocate

SKILLS & COMPETENCIES

- Languages - Technologies: Java, JavaScript, HTML/CSS, SQL, XML, PHP
- Software Tools: VMware, Android Studio, Visual Studio, Eclipse, Microsoft SQL Server, Oracle, JIRA
- Frameworks: Bootstrap
- Operating Systems: Windows, Linux/Unix
- Database: MySQL, Oracle, SQL Server
- Knowledge of Git/GitHub, Algorithms, Agile methodology, Systems Development Life Cycle
- Familiar: RESTful, J2EE, Apache, AWS, Python

EDUCATION

Diploma in Computer Programming   May 2022 - Present
Algonquin College, Ottawa, Ontario
- Dean's Honour List, GPA: 3.85/4.0
- *Undergraduate Coursework*: Mobile Programming (Android development), Object - Oriented Programming, Operating Systems, Database Systems (PL/SQL), Web Programming, Data Analytics, Network Programming, Business Intelligence and Data Analytics

Bachelor of Finance   July 2012 - May 2016
University of Economics, Ho Chi Minh City, Vietnam
- GPA: 3.3/4.0
- *Undergraduate Coursework*: Statistics, Linear Algebra, Analysis Mathematics

PROJECTS

Banking System Application   Jan 2023 - Jan 2023
Java/JDBC/SQL
- Designed and implemented a Java-based banking application using Strategy Design Pattern which enables users to create accounts, perform deposit and withdrawal transactions, and review balances
- Implemented Data Access Object design pattern to abstract and encapsulate all access to the data source
- Utilized JDBC to handle transactions and gain access to a database that securely stores accounts and customer information

Bakery Website   Dec 2022
PHP/JavaScript/PHP/HTML/CSS/SQL
- Developed a resilient and versatile website, integrated database functionality on the backend
- Created a registration form where users can log in or register a new account
- Implemented server-side and client-side validation mechanisms that resulted in a 50% reduction in error rates for form submissions

Titanic Survival Prediction   Jan 2023
Weka
- Analyzed Titanic survivors dataset and created machine learning algorithm to predict the survival rate
- Performed classification using Decision Trees with 10-fold cross validation on the dataset with 81% accuracy
- Projected the survival rate by utilizing the confusion matrix and compared the obtained outcomes with the actual incident information

EMPLOYMENT

Waitress   Jan 2019 - Present
Kanata Noodle House, Ottawa, ON, Canada
- Welcome customers, answer questions, and provide casual conversation
- Assisted supervisors in training 5+ new employees in three months

- Led a team of 4 on some days with nearly $10,000 in sales
- Use effective time-management strategies to schedule tasks and complete work

Co-Owner   Aug 2017 - Aug 2018
Song Cafe Pastry, Ho Chi Minh City, Vietnam
- Developed and built a business plan to ensure maximum profits with minimal risk such as cost-cutting measures and market research, led to a significant increase in revenue of 100% within six months
- Achieved 100% accuracy in processing payrolls and maintained a 90% employee retention rate over a period of 10 months
- Maintained a clean and organized environment, conducive to customer satisfaction

INTERPERSONAL SKILLS

- Time management
- Problem – solving
- Collaboration

- Detailed – oriented
- Communication
- Stress management

REFERENCES

Available upon request.