Toco Tachibana

SOFTWARE DEVELOPER

SUMMARY

Detail-oriented team player with strong track record of improving application efficiency and reducing defect rates through meticulous troubleshooting and code optimization. Ability to handle multiple projects simultaneously with a high degree of accuracy.

SKILLS

- Python / Django
- JavaScript / TypeScript / React
- Java
- C
- MySQL / PostgreSQL / MongoDB
- Git / GitHub / GitLab

EDUCATION

British Columbia Institute of Technology

Diploma - Computer Science
Expected in 05/2024

Graduation with Distinction
Final Grade: 92%

CONTACT

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WORK EXPERIENCE

Software Developer / Test Automation Co-op

LandSure Systems Ltd. - Vancouver, BC   01/2023 to 09/2024

- Improved application efficiency by troubleshooting and resolving code issues.
- Optimized software performance by conducting regular code reviews and refactoring when necessary.
- Reduced defect rates by designing comprehensive test plans and test cases.
- Developed and performed regression tests after code modifications and updates, diligently logging results and reporting identified issues.
- Documented software development methodologies in technical manuals for future reference and training.
- Contributed to a positive team environment through effective communication, problem-solving, and collaboration skills.

PROJECTS

Python Predictive Models

- Developed predictive models using Python:
  - Linear regression model to forecast loan sanction amounts, improving overall performance through Exploratory Data Analysis and feature engineering.
  - Logistic regression model for customer churn prediction, identifying underlying patterns within the data to enhance retention strategies.
- Leveraged Python's data analysis libraries such as pandas, Numpy, Matplotlib and scikit-learn to preprocess and visualize datasets.
- Employed cross-validation to identify optimal hyperparameters.

Geeks Collectors Network

- Developed MVP of an online social platform, enabling users to foster a community of collectors while curating and managing wish lists of sought-after items.
- Designed a simple and user-friendly interface using TypeScript and React
- Implemented microservice architecture for features such as user authentication, and social media and email integration, using TypeScript, Node.js and Express.js.
- Utilized asynchronous API calls to interact with developed services.