

CATHY PEI

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M5T0C2

SUMMARY

Responsible and organized student working hard in both studying and living. Knowledgeable in data science and computer programming area. Learning quick and remain enthusiastic at work. Collaborative and willing to help others in team work. Currently living in Toronto as a Permanent Resident.

SKILLS

Programming Languages:

- Python, Java, JavaScript, C
- Basic assembly language

Programming Tools:

- Web development: HTML/ CSS, JavaScript, Django, REST API, Postman, Expo/ React Native
- Game Development: Unity

Database:

- PostgreSQL, Relational Algebra, DDL/DML

Data Analysis:

- Tableau
- Jupyter Notebook
- Posit Cloud (R studio)

Version Control:

- Git

Machine Learning

Algorithms:

- KNN
- Linear Regression

- Familiar with multiple programming languages, tools and version control tool
- Academic foundation in software development, web programming and database management
- Implementing machine learning algorithms
- Manipulating data and statistical information, including data cleaning, fitting model, and data visualization using various tools
- Basic knowledge in computer hardwares and assembly language
- Bilingual communication (English and Mandarin)
- Team working and collaboration

EXPERIENCES

- Obtained CGPA 3.5 and made into UofT's Dean List.
- Developed and implemented a mobile application for a startup organization (KnowQuest) as part of a student tech team.
- Developed multiple Java based applications in high school and university, and played an important role in the developing team.
- Designed and programmed website within a team, participates in implementing features and debugging
- Implemented and trained multiple machine learning models using python libraries (numpy, sklearn, etc,)
- Manipulated databases with PostgreSQL. Designed schemas using DDL and wrote various queries using SQL and Relational algebra.

EDUCATION

University of Toronto, Toronto, ON

Bachelor of Science, Data Science Specialist, Computer Science Specialist. (fourth year undergraduate)