

ZIYUE YANG

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EDUCATIONS

University of Toronto

Honours Bachelor of Science

Mathematics, Statistics, and Computer Science

Toronto, ON

2018 - 2020

PROJECTS

UniMart

January 2020 - Present, ongoing

github.com/yangzi33/unimart

An eBay-like school-based online item trading web application targeting college and university students.

This project is built using SpringMVC and Mybatis. We are currently developing an verification system, to ensure that the users are current students.

MyAgenda

February 2020 - Present, ongoing

Course project. A calendar program that stores events, as well as alerts and memos associated with the events. Events can be searched based on their tags. More features will be added by the end of the current school term.

Note that the school does not allow us to publish this project before the term ends. The final version will be published publicly on GitHub after April 2020.

TECHNICAL SKILLS

Software & Tools : Python, Java, PostgreSQL, Jupyter Notebook, TensorFlow, PyTorch, R, C, MS Office

Frameworks: Spring, SpringMVC, Mybatis, Django, Angular

WORK EXPERIENCE

bigtheta.org

November 2019 - Present

Undergraduate Research Assistant

- Developing and implementing NLP algorithms for text classification with CNN, supervised by experienced engineers.
- Developing unsupervised machine learning methods to discover behavioral patterns across various data sets.

ESSENTIAL COURSES TAKEN

*Software Design (Java)

*Enriched Introduction to the Theory of Computation

*Statistics for Computer Scientists

Introduction to Computer Science (Python)

*Multivariable Calculus

Probability and Statistics I

Linear Algebra I, II

**: ongoing courses, accurate as March 2020.*