

YOUZHANG (MARK) SUN

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PROFILE

Second year Software Engineering Specialist student at University of Toronto Scarborough. Strive for great product through effective communication and collaboration. Proficient with Java, Python, in combination with MS SQL. Experience with C, JavaScript, Shell, Linux, and version control software. Interest in theoretical mathematic, and computation.

SKILLS

Languages	Java, Python, C, MS SQL, JavaScript
Technology	Git, SVN, Linux, AG Grid, Apache SMTP & FTP & XSSF API, Plotly
Theoretic	Theory of Computation, Algorithm, Data Structures

EXPERIENCE

University of Toronto Teaching Assist May – Present 2021
Python, Java

- Answering questions on Piazza and during office hours on fundamental theory of computation
- Implementing algorithm and data structures to check number theory conjecture

TD Securities Developer January – April 2021
Java, MS SQL, Python, Pandas, Plotly, JavaScript

- Completed on-going Java data processing application after effective communication with client
- Rapidly developed static HTML page prototype with AG Grid
- Self-studied MS SQL and associated libraries such as java.sql, Python Pandas
- Gained appreciation from colleague for timely update and fast development

LUDOTest-C Designer and Developer (GitHub) January – April 2020

- Designed and developed unit test API for C that allowed for efficient QA testing and troubleshooting
- Wrote detailed documentation for C unit test API that classmates can easily use
- Created well received public testcases by actively seek out feedback and rapid bug fixes

EDUCATION

University of Toronto Honours Bachelor of Science 2019 – 2023/4 (Estimated)

- Specialist (Co-operative) Program in Computer Science – Software Engineering Stream
- Cumulative GPA of 3.95