

Tommy Pang

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EDUCATION

Unionville High School (UHS)

Grade 12

Markham, Ontario

September, 2018 – Present

- Received UHS honour roll, which is a recognition of outstanding academic performance, over the past 3 years

EXPERIENCE

UHS Computer Club

Executive

September 2021 – Present

Unionville, ON

- * Prepared and taught topics in algorithm field
- * Prepared students for CCC (Canadian Computing Competition)
- * Shared my experiences/advice on computing contests

UHS Architecture Club

Event Planner

September 2021 – Present

Unionville, ON

- * Planned weekly meeting content
- * Shared interesting architecture designs

UHS NOW Club

Peer Leader / Executive

September 2021 – Present

Unionville, ON

- * Planned and designed monthly club activity, allowing newcomers/new students to make new friends and have fun
- * Led activity in one of the breakout rooms after students went to their assigned breakout room

Coding Contests

September 2020 – Present

- * CodeChef AlgoManiac - Code For Future Division 2 - Global Rank: 72
- * CodeChef Starters 9 Division 3 - Global Rank: 222
- * CodeChef Starters 18 Division 3 - Global Rank: 295
- * UCC Coding Competition(Spring Coding Bowl) 2021 - 20th place
- * CCC Contest 2021 - 355th place
- * Full contest history available on personal website

Publications On Medium

September 2021 – Present

- * Static Web Page Scraping With Node.js - Sep 26, 2021
- * Dynamic Web Page Scraping with Node.js and Puppeteer - Oct 27, 2021
- * A Simple Calculator Implemented With JavaScript That Evaluates Elementary Arithmetic Expressions - Oct 23, 2021
- * Available at personal website

PROJECTS

Walmart Scraper | Java, Spring Boot, Node.js, PostgreSQL

June 2021 – September 2021

- * Developed a web scraper with Node.js that fetch the promotion codes, Clarence items on Walmart
- * Scraper capable of getting the previous, current price, the percentage of which the item is off, its link, and the category(for example, cloth, electronics, etc) it belongs to
- * Consumes Spring Rest API with Node.js to store the information into database

Handwritten digit recognizer | Python, Tensorflow, NumPy, Matplotlib

November 2021 – November 2021

- * Trained a simple neural network with mnist dataset from Keras
- * Capable of recognizing handwritten digits uploaded locally with some accuracy

SKILLS

Programming Languages: Java, Python, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: Spring Boot, Node.js, Flask

Developer Tools: Git, IntelliJ, Visual Studio Code, Eclipse

Languages: English (Native), Mandarin (Native)