Andy Yuen

http://andytry.com | https://github.com/AndyTRY
8 Lee Centre Dr, Toronto, ON, M1H 3H8
647-713-1663 | andyren.yuen@mail.utoronto.ca | https://www.linkedin.com/in/andy-yuen

PROFILE

3rd-year Computer Science Co-op specialist student at UofT (Canadian citizen) with a huge interest in exploring technologies. Has experience building personal projects with back and front end technologies through school projects and part-time positions. Great problem-solving skills and the ability to learn new skills quickly. Developing a website that aggregates search results from select websites into a single page.

Languages: Java   Python   C#   C   Assembly   HTML   S(CSS)   JavaScript   SQL

Software: Git   PostMan   Arduino   QGIS   AutoCAD   Unity

EDUCATION

Honours Bachelor of Science, Specialist Co-op in Computer Science   *Sep 2019 - present*
University of Toronto Scarborough, Scarborough, ON
- **Specialization:** Comprehensive Stream
- **cGPA:** 3.5/4.0
- **Awards:** Dean's List (Fall 2020), Entrance scholarship ($2000)

MY EXPERIENCE

Backend Developer Role *(Muqo Inc., Toronto, ON)*   *Oct 2020 – Feb 2020*
- Wrote functionality for creating, updating, and getting data about the user's liked music with PostgreSQL and NodeJS
- Added API routes that allow for updating and getting data about user's liked music
- Debugged various implementation issues for making API calls and querying database
- Communicated with existing backend developers to learn codebase, unfamiliar technologies, and to resolve issues when integrating code into codebase

Personal Website *(Personal Project)*   *Dec 2020 – Jan 2021*
- Prototyped layout and design with Figma
- Coded design and interactions with HTML, CSS, and JavaScript
- Hosted and deployed on AWS

Product Search Aggregator *(Personal Project)*   *Aug 2020 – present*
- Wrote Python scripts that scraped data from select websites
- Implemented server with NodeJS, Express, MongoDB, and an API that runs search scripts upon call

Mock Unix Shell Project *(Software Design, University of Toronto Scarborough, ON)*   *Oct 2020 – Dec 2020*
- Implemented Push, Pop, and LS classes in Java that represents commands in Unix Shell
- Created user stories, product/sprint backlogs with the team in accordance with Agile that managed how the team worked on the project
- Implemented JUnit tests for commands

Table Creation *(Intro to GIS*, *University of Toronto Scarborough, ON*)   *Apr 2020 – Aug 2020*
- Aggregated tabular data on the City of Toronto to find patterns and trends with QGIS and PostgreSQL

WAN Setup Lab *(CCNA3 R&S: Scaling Networks, SATEC @ W.A Porter)*   *Sep 2018 – Jan 2019*
- Created a WAN and LANs for course lab with physical Cisco routers, switches, and PCs
- Troubleshoot various network issues in order to complete a functional WAN that met specifications

IRFI App *(Co-op, SATEC @ W.A Porter)*   *July 2018 – Aug 2018*
- Implemented overall app structure and various app modules with Android Studio and Java.
- Made overall App layout and design with XML