

# Yaman Malik

Computer Science Senior



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<https://yamanmalik.com/>

Computer Science senior with a passion for software and emerging technology. Have experienced all parts of the development process including planning, designing, and testing, throughout various team projects. Aim to utilize extensive knowledge with computer science fundamentals and software technologies, to positively contribute to the growth of the team and the organization. Looking to join a team in a co-op position and learn from experienced seniors and colleagues.



## Education

### Honours Bachelor of Science in Computer Science

2017 –

*York University – Lassonde School of Engineering – Toronto, Canada*

Present

- Coursework Completed: Data Structures and Algorithms, Big Data Systems, Operating Systems, Database Systems, User Interfaces, Object-Oriented Programming
- Expected Graduation: September 2022



## Skills

**Languages:** Python, Java, C, SQL, HTML, CSS, JavaScript

**Technologies:** Git, Bootstrap, Docker, Windows, Unix, Excel



## Project Experience

### C-Shell Interface

- C program developed on the Linux operating system; program mimics the operations of a bash shell. Various system calls such as `fork()`, `execvp()`, and `pipe()` were used. Supports command piping, input/output redirection, and a history feature which repeats the previous command issued to the shell.

### Data Analytics using Python

- Python script that parses large multi-gigabyte dataset files from Yelp. Utilized CSV library to analyze the files as well as Matplotlib to generate a data visualization (bar graph).

### Personal Website Portfolio

- Personal website designed from scratch using HTML and CSS. Also implemented elements from the Bootstrap framework to streamline website design and increase cross-platform optimization. The site is live at: [yamanmalik.com](https://yamanmalik.com)

*\*Currently rebuilding with React.js.*



## Work History

Sep 2017 –

**Sales Associate • Old Navy**

Dec 2017

- Responsibilities involved driving customer engagement, conveying current promotions, and providing support to customers on the salesfloor.