




Karamjit Singh Brar

Pursuing Bachelors in Computer Science from York University, Toronto (GPA – 7.8). I am currently in my second year and actively looking for internship opportunities. I am proficient at frontend and backend, ideally looking for position of a developer.

[Project Link \(https://brar-karamjit.github.io/Project/\)](https://brar-karamjit.github.io/Project/) 

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Bachelor's in computer science
York University
(2020-2024)



Mechanical Engineering Technician
Sheridan College
(2020-2024)

I Completed my diploma in mechanical engineering from sheridan college in 2017, and later worked as a machinist, it gave me a lot of hands on experience with automotive manufacturing and supply chain.

Due to my passion for coding and ever increasing digitization of world, I decided to pursue a degree in CS. I hope in future I'm able to utilize skills learned from both fields.

Skills

Front end

Javascript

HTML

CSS

React

Backend

JSON

SQL

Python

Github

java

Hackerrank



Data structures and algorithms

- Java
- inheritance hierarchies
- TDD (Test Driven Development)
- Polymorphism, abstraction
- Recursion, interfaces
- Application Programming Interface (API).

Statistics

- Probability model
- Bayes rule
- Binomial and normal distributions
- The Poisson distribution
- correlation and covariance

Experience with web development

- Hosting, SSL, domain, and various CMS
- Using HTML, CSS, and JS for frontend
- Using Rest APIs and JavaScript libraries
- React.js and Angular
- Certifications in cloud management by IBM
- Please refer to [project link](https://brar-karamjit.github.io/Project/) for more details

Other Skills

- Object oriented programming (java)
- Microsoft excel
- WordPress and plugins
- SEO and run time optimization for web pages

Work Experience



CNC Programmer and operator

Commercial Spring & Tool Company Limited · Permanent Full-time

Sep 2017 – Sep 2020 · 3 yrs 1 mo

Mississauga, Ontario, Canada

My job responsibilities included programming and running EDM machines to machine the required components for progressive dies. Tools used – MaterCAM, Autocad, Solidworks



Machinist

EDM cut inc · Permanent Part-time

Jan 2016 – Jul 2017 · 1 yr 7 mos

Brampton, Ontario, Canada

Operated, maintained wire EDM machines and worked on CAD & CAM models.
Cnc programming (2D)

References available upon request.

Certifications

Developing Cloud Native Applications

Introduction to Web Development with HTML, CSS, JavaScript

Introduction to Cloud Computing

Awards

Experience Venture Award Program (YUHacks2022 March 9, 2022)

This award recognizes and encourages students to engage in experiential learning opportunities that make an impact alongside real-world innovators through entrepreneurial thinking placements ([link](#)).

Volunteering Experience (Blood donation camp August 30, 2021)

Helped organize and manage a blood donation camp in India. Assisted with promotion and awareness towards donating blood and the campaign itself. Helped people with refreshments and other necessities. Was awarded an letter of appreciation ([link](#)) for same.