




# 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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[In linkedin.com/in/kramjitbr](https://www.linkedin.com/in/kramjitbr)



**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 technology 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

## Skills

### Front end

Javascript

HTML

CSS

jQuery

### Backend

JSON

Cloud

Python

Github

java

### Hackerrank



### Advanced Object-oriented programming

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

### Experience with web development

- Hosting, SSL, domain, and various CMS
- Using HTML, CSS, and JS for frontend
- Using React APIs and JavaScript libraries
- Certifications in cloud management by IBM
- Please refer to [project link](#) for more

### Elementary Probability

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

### Logic for Computer science

- Proposition logic
- Predicate logic
- Deduction Theorem
- Soundness and Post's Theorem

## 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

Based in Ontario Canada, CST is a global leader in the automotive and consumer market amongst other industries. My job responsibilities included programming and running EDM machines to machine the required components for progressive dies.

Reference –

Ezio Morzi

Supervisor EDM department

+1 (905) 466-3811



### 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)

Reference –

Imtiaz Dharshi

General Manger

+1 (647) 706-2189

## Certifications

### Developing Cloud Native Applications [\[Link\]](#)

- Build and Deploy code to IBM Cloud using DevOps tools and services
- Create a Node.js application on Cloud

### Introduction to Web Development with HTML, CSS, JavaScript [\[Link\]](#)

- Develop interactive and engaging websites and cloud application
- JavaScript programming for web applications

### Introduction to Cloud Computing [\[Link\]](#)

- Define cloud computing and explain its essential characteristics
- Describe the cloud service (IaaS, SaaS, PaaS) & deployment models (Public, Private, Hybrid)
- Explain emerging Cloud related trends including Hybrid Multicloud, Microservices, Serverless, Cloud Native, DevOps, and Application Modernization.