





# Karamjit Singh Brar

Pursuing Bachelors in Computer Science from York University, Toronto. 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 full stack developer. [Project Link](#)  (<https://brar-karamjit.github.io/Project/>)

 br.kramjit@gmail.com

 +1 (647) 273-5172

[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)

Completed my diploma in mechanical engineering from Sheridan College, it gave me a lot of hands-on experience with CNC programming, CAD softwares and material properties.

Due to my interest and ever-increasing digitization of the world, I decided to pursue a degree in CS. I hope in the future I'm able to utilize skills learned from both streams.

## Skills

### Front end

Javascript

HTML

CSS

React

### Backend

JSON

Cloud

Node.js

API

java

### Hackerrank



### Advanced Object-oriented programming

- Java
- TDD (Test Driven Development)
- Polymorphism, abstraction
- Recursion, interfaces

### 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

### RISC-V instruction set architecture

- Assembly language
- Building CPU from basic components

### Fundamentals of Data Structures

- Algorithms and analysis
- Data structures

## Certifications

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

- Describe Cloud Native and DevOps concepts and methodologies
- 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

## 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

Programming and Maintenance of EDM machines. Mastercam(x9) for NC programming and profile modifications.



### 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)



### Car Detailer

In N Out Car Wash & Detailing · Casual / On-call  
Sep 2015 – Apr 2016 · 8 mos  
Brampton, Ontario, Canada

Worked on assembly line for interior car cleaning and detailing.