

# Amarjot Sangha

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GitHub: <https://github.com/AmarjotS82>

## Technical Skills

Languages: JavaScript, Java, C, Python, SQL, TypeScript, HTML5, CSS

Technologies: GitHub, Figma, Node.js, Trello, MongoDB, React, Vercel

## Projects

### Quizard – A flashcard app that gives AI feedback | React(Typescript), Python

- Focused on a feature where users can quiz themselves
- Integrated the frontend with the AI to show feedback to answers using backend routes
- Thorough testing using Playwright to test react components and UI
- Collaborated through feedback, pull requests and integration with the 5 members on this project using Github

### IPS Project Tracking tool – Track and report project for company specific projects | TypeScript (React), Vercel

- Worked alongside the company's senior and junior software engineers to create a project progress tracking tool for their specific needs on a task level with company metrics
- Utilized React to create forms with input validation to update the database
- Thorough documentation for hosting and maintenance of a database using Vercel for future developers

### Desktop app Pagi GUI – Typescript, Rust, Tauri, Python

- Created a GUI to make training the PAGI model easier and efficient for the client instead of using a command line interface
- Managed pull requests and integration of code for the team through Github
- Tested thoroughly for potential bugs such as different GPU types when displaying GPU metrics

## Education

Bachelor of Science in Applied Computer Science | BCIT September 2024 – May 2026

Computer Systems Diploma Technology | BCIT September 2022 – May 2024

- Graduated with Distinctions and a GPA of 84%

## Experience

### City-Wide Volunteer | City of Surrey

March 2018 – June 2022

- Met the needs of all kinds of people at the unique events creating an enjoyable environment leading to successful events

### Teen Library Council | Surrey Libraries

September 2020 – June 2022

- Led monthly meetings by giving everyone a chance to speak which lead to productive meetings

### Internship | Tim Hortons and Staples

October 2019 – December 2019

- Worked successfully under pressure as a team making orders to help serve 50 customers a day

### Community Project | SIYSCORPS

May 2020 – October 2020

- Budgeted and stayed under a \$1500 grant for equipment while working in a group of 4 to help make care kits (masks , sanitizer, and more) for those in the community

## Interests and Achievements

- Citizenship Scholarship
- Running
- Reading books and comics