# PRIYANSHI PATEL

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priyyanshi.github.io/portfolio/ %

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## EDUCATION

**University of Toronto** – *Class of 2022*                                        *September 2018 – April 2023*

BASc in Computer Engineering – Artificial Intelligence Minor

Relevant Courses: *Algorithms and Data Structures, Programming Fundamentals, Software Communication and Design, Computer Organization*

## SKILLS

Python, C++, HTML & CSS, JavaScript (ES6+), React, Node, Git

## WORK EXPERIENCE

**Fetch | Hospitality Technology Startup** – *Toronto, ON*                *July 2019 – September 2019*

Software Development Intern

- Independently architected a customer relationship management (CRM) system using Meteor.js, Node, and MongoDB.
- CRM system was used by to leverage negotiations with 3 prospective clients.

## PROJECTS

**3D Vector Field Visualizer** – *Personal*                                                        *July 2020*

- Implemented a 3D vector field visualizer web application using HTML, CSS, and p5.js.

**Binary Search tree Visualizer** – *Personal*                                        *April 2020 – July 2020*

- Developed a React application to visualize binary search tree node insertions, deletions, and depth first traversals.

**Key-Extract | Chrome Extension** – *Personal*                                *September 2020 – Present*

- Designing a chrome extension to extract keywords and definitions from study resources for students.
- Using TensorFlow and Scikit-earn to implement Text Frequency – Inverse Document Frequency for keyword extraction.

**Photostorming | Mapping Application** – *University Course*                *January 2020 – April 2020*

- Programmed a mapping application inspired by Google Maps in a team of 3 using C++.
- Implemented A* pathfinding algorithm to provide best travel route.
- Optimized a courier delivery algorithm for a courier company driver with multiple deliveries.

**Grapher | VGA Graphing Calculator** – *University Course*                                *March 2020*

- Implemented a graphing calculator in a team of 2 that runs on DE1-SoC board using C.

*View at these projects in more detail at* priyyanshi.github.io/portfolio/.