

PRIYANSHI PATEL

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SKILLS

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

EDUCATION

University of Toronto – *Class of 2022*

September 2018 - Present

BASc in Computer Engineering – Artificial Intelligence Minor

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

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 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.

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.

ReRoute | Notification System – *University Course*

January 2019 – June 2019

- Designed a notification system for personal support workers (PSWs) at nursing homes for wandering patients with dementia.
- Communicated with Fairview Nursing Home to get stakeholder input on the design.
- Presented system at Schlegel Village's Innovation Summit for industry professionals.

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