PRIYANSHI PATEL

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EDUCATION

University of Toronto – *Class of 2022 + PEY* *September 2018 – April 2023*
BASc in Computer Engineering – Artificial Intelligence Minor

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

SKILLS

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

WORK

SprintUofT | Student-Tech Organization – *Toronto, ON* *September 2019 – Present*
Software Developer

- Working with a team of 2 developers and 2 UI designers to maintain, build, and test SprintUofT's desktop and mobile-friendly website.
- Developing new features using React to enhance SprintUofT's user experience & engagement by 200%.

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, which was used to leverage negotiations with 3 prospective clients.
- Participated in regular stand-ups, code reviews, and requirements meetings to discuss application progress.
- Working closely with web designer to implement features from wireframes with short turnaround times.

PROJECTS

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

- Implemented a 3D vector field visualizer web application using HTML, CSS, and p5.js, to be used as a learning tool.

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-learn to implement Text Frequency – Inverse Document Frequency for keyword extraction.

Image Completion – *University Course* *September 2020 – Present*

- Implementing a deep convolutional generative adversarial net using PyTorch to fill in unwanted or missing parts of images with local and global consistency.

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 and optimized a courier delivery algorithm for a courier company driver with multiple deliveries.