PRIYANSHI PATEL

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EDUCATION

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

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

SKILLS

Languages: Python, C++, HTML & CSS, JavaScript (ES6+), Java, GraphQL
Technologies: PyTorch, Git, Elasticsearch, Kibana, React, Docker, Kubernetes, MongoDB

WORK EXPERIENCE

IBM | Cloud and Cognitive Software *May 2021 – Present*
Backend Development Intern

- Developed and ensured successful daily builds for interactive tutorials for developers to learn about Liberty, cloud-native Java APIs, and deploying to Docker and Kubernetes, accessed on OpenLiberty.io by 127,000 users.
- Converted the interactive tutorials on Openliberty.io to ensure functionality on a cloud-hosted environment accessed by 1500 users.
- Maintained a virtual machine to host an Elasticsearch and Kibana application to keep track of internal performance statistics used by the team and attended workshops to increase user engagement by 20%.
- Provided L3 support to clients, onboarded 2 new interns and participated in Agile development.

Fetch | Hospitality Technology Startup *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.
- Worked closely with a UX designer to implement features from wireframes with short turnaround times.

PROJECTS

GAN Image Completion – *Personal*

- Implemented a Siamese generative adversarial net using PyTorch to perform style transfer on high-definition images.

3D Vector Field Visualizers – *Personal*

- 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*

- Developed a React application to visualize binary search tree node insertions, deletions, and depth first traversals, to be used to improve understanding of the BST data structure.

Photostorming | Mapping Application – *University Course*

- Programmed a mapping application using object-oriented principles inspired by Google Maps in a team of 3 using C++.
- Implemented A* pathfinding algorithm and an optimized solution to the travelling salesman problem.