

# DHARITRI DIXIT

## Software Engineer

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in Dharitri Dixit

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## EXPERIENCE

### Test Engineer

#### Rockport Networks

📅 September 2021 – December 2021

- Contribute to enhancements on the test automation framework using PyTest
- Use JIRA for defect tracking, and TestRail for test case management
- Investigate and fix automated test case failures as part of our regression runs

### Project Manager

#### Software For Love

📅 March 2021 – Present

- Creating strategies to ensure project stays on schedule and can adhere to deadlines
- Evaluating project consistently while providing constructive feedback
- Demonstrating innovative thinking by providing solutions to difficult obstacles presented by team member
- Contributed to developing software projects using Javascript, HTML/CSS and the React library
- Evaluate potential developer candidates during interviews

### Programmer

#### Employment and Social Development Canada

📅 January 2021 – April 2021

- Extensively used C-Sharp, SQL and Entity Framework
- Used .NET Framework to create GUI apps to display data from SQL database for end user
- Parsed data from database using Entity Framework to include in app
- Implemented MVVM design practices to create an efficient and reusable program

### Sponsorship Coordinator

#### uOttahack 4

📅 May 2020 – March 2021

- Researching and formatting details relevant to sponsors to create a sponsorship package
- Contacting companies to solicit their participation and coordinating their promotion in the event
- Interacted with sponsors consistently to ensure their needs are met and assisted them in solving technical difficulties at the hackathon

### Events Coordinator

#### Software Engineers Student Association

📅 October 2019 – April 2020

- Brainstormed innovative events which support engineering students with furthering their career
- Responsible for planning the logistics and marketing of each event
- Compiled the logistics of each event to ensure that it is successful

## EDUCATION

### BASc in Software Engineering

#### University of Ottawa

📅 September 2019 – Present

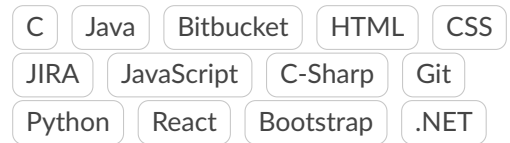
GPA : 3.7

### Advanced Placement

#### Central Peel Secondary School

📅 September 2015 – June 2019

## SKILLS



## PROJECTS

### Ferry Loading Program

#### java, oop

📅 December 2020

- Optimized process of loading maximum number of cars on a ferry using a backtracking algorithm
- Implemented program using two different data structures (Hash table, an array)

### Android App

#### java, xml, oop

📅 December 2020

- Developed a mock government service app in Android Studio with various users (customer, admin, government employee)
- Implemented a Firebase backend and parsed it to store data for the different users
- Used regex to authenticate user registration

### Stable Matching Program

#### java, oop

📅 October 2020

- Enforces the stable matching between two equally sized sets of elements given an ordering of preferences for each element
- GaleShapley Algorithm used to ensure the most stable matches
- Implemented using the data structures Priority Queues and Stacks