Contact

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Address

7 Dulverton Drive
Brampton, ON

Dharitri Dixit

Software Engineer

Education

2019 - Present, University of Ottawa
Bachelor of Applied Science (CO-OP)

2015 - 2019, Central Peel Secondary School
Advanced Placement

Software Development Skills

Languages

- Java
- C-sharp
- Python
- React
- HTML/CSS
- Javascript

Technologies

- Eclipse
- PyCharm
- Visual Studio
- Bitbucket
- JIRA
- .NET Framework

Experience

September 2021 - December 2021, *Automation Engineer*, Rockport Networks

- 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

March, 2021 - Present, *Project Manager*, Software for Love

- 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

January 2021 - April 2021, *Junior Programmer*, ESDC (Government of Canada)

- 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

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May 2020 - March 2021, *Sponsorship Coordinator*, uOttaHack
- 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

Side Projects

Ferry Loading Program, *Java*
- 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*
- 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*
- 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