

Contact
dharidix@gmail.com
github.com/dhari001
647-972-1367

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
- Python
- R
- C-sharp
- Android Studio
- SQL

Technologies

- Eclipse
- Visual Studio
- Atom
- JUNIT
- Agile
- .NET Framework

Experience

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

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

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

- 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

Oct 2019 - April 2020, *Events Coordinator, SESA*

- 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

Contact

dhariidix@gmail.com
github.com/dhari001
647-972-1367

Address

7 Dulverton Drive
Brampton, ON

Sept 2017 - June 2018, *President, DECA*

- Developed a system to track all chapter members and their training to ensure that all members were prepared for the competition
- Recognized and designated tasks according to the strengths and weaknesses of the executive team
- Took initiative to create a selection process of chapter members thus allowing for improved chapter performance at competitions

Sept 2015 - June 2018, *Member, First Robotics*

- Used technical skills to program autonomous events while collaborating with senior software team members
- Critically analyzed rules of the game and planned drive train and structure of robot according to the strategies discussed
- Scouted other teams at tournaments to improvise strategies by observing the opposing teams robots' structure and capabilities

Side Projects

TicTacToe, Python

- One player game of tictactoe in shell interface of python
- AI implemented to design a user versus computer game

Balanced Parentheses Checker, Java

- Indicates if any expression (mathematical or alphabetical) has a matching closing parenthesis for every opening parenthesis
- Implemented stacks to store and process the expression

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

Achievements

Model UN

- Best Delegate

Advanced Placement

- AP Gold Standard

Canadian Security Clearance

- Level II: Secret