

Mitravasu Prakash

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SKILLS

- Intermediate knowledge of the software design life cycle from creating a music beat game and a zombie escape game
- Proficient with different aspects of Java, such as GUI and OOP used in various projects
- Excellent communication and time management skills as demonstrated in the role of Research Support
- Proficient with MS Suite, used in personal, professional and educational environment
- Strong knowledge of Visual Basic from creating a search box for a database
- Excellent at providing, receiving and implementing feedback as demonstrated in the role of Research Support
- Experience with using the Bootstrap library, React and Gatsby frameworks to create multiple dynamic websites
- Proficient with programming in HTML5, CSS3, and JavaScript as demonstrated by creating multiple interactive website

EDUCATION

Honours Bachelor of Science, Computer Science Co-op
University of Toronto

September 2019 – April 2023

- \$7500 University of Toronto Scholar Scholarship

PROJECTS

BeatStar

December 2018 – January 2019

Programmer and Designer

- Used Java to create a game in which the user could select custom music tracks and tap the circles on the screen in rhythm with the music track playing in the background
- Implemented a leaderboard system for the player scores and scored player scores in a text file using Java libraries
- Used Object Oriented Programming concepts to create multiple classes which handled the different aspects of the project (such as the MusicPlayer class which was responsible for playing music tracks) to improve readability

CourierU

April 2020

Front-End Developer

- Worked with a team to create an interactive website for the TOHacks Hackathon.
- Used Bootstrap library to create a dynamic website.
- Implemented a login functionality on the site using JavaScript.
- Used MongoDB Atlas and JavaScript to retrieve user information and verify login information.

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Immigrant Success Stories

November 2019 – January 2020

Front-End Developer

- Worked with a team to create an interactive website for a non-profit effort
- Used the React and Gatsby framework to create a dynamic website
- Used SASS files to store styling properties of the variety elements on the website
- Used JavaScript, HTML5, and CSS3 skills to write the website and its features

WORK EXPERIENCE

Research Support

August 2019

Municipal Property Assessment Corporation

- Reduced information retrieval times by using Visual Basic to create a search box feature in the spreadsheet over a 3-week period
- Verified correctness of information by highlighting discrepancies for an invoice management project as a Research Support
- Ensured project was on track by sending daily progress reports and discussing future steps with my manager

VOLUNTEER EXPERIENCE

Lab Management Team Member

October 2015 – June 2017

Victoria Park Collegiate Institute

- Configured a new computer lab at the school in time for the Canadian Computing Competition, by installing software and setting up network connections
- Resolved technical issues raised by staff and students through knowledge of computers and attention to detail
- Ensured the computer labs were in service through daily check ups which involved cable management, checking computers for any software or hardware problems and cleaning the system units.