MAYESHA KABIR

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(604) 315-9538

Skills

Java, Python, C#, Scala, PHP, HTML/CSS, Git

Education

University of British Columbia, B.Sc in Computer Science   *09/2015 - 05/2020*

Experience

Amazon, Software Development Engineer I
Vancouver, BC   *07/2020 - present*
- Alexa Guard Backend

Hootsuite, Software Engineer Co-op
Vancouver, BC   *05/2019 - 08/2019*
- Helped implement, test and deploy end-to-end features for Hootsuite's Inbox and GraphQL's API micro-services with functional programming standards in Scala
- Streamlined customer experience by contributing to a feature that allows users to directly reply privately to a facebook public comment
- Implemented functionality to extract and add a user's full name onto reply banners, increasing visibility among customers

BlackBird Interactive, Software Engineer Co-op
Vancouver, BC   *05/2018 - 08/2018*
- Created a heat map system to identify and aggregate location-based interactions and activity in the virtual game world to influence AI agents using Unity3D and C#
- Allowed the creation of heat maps to be data driven by enabling user inputs (colour, cell size range, specific game events, etc)
- Allowed for numerous heat map data to be visualized in real time by rendering it on both the game map and mini map

East Side Games, Software Engineer Co-op
Vancouver, BC   *09/2017 - 04/2018*
- Implemented a tool-tips system for the company's internal webpage to allow easy training for new employees
- Reduced designer workload by creating an automated monthly scheduler
- Added, improved and refactored UI features to better enhance user experience

Selected Projects

Dragon Adventure Bonanza
2D platformer   *09/2019 - 12/2019*
- Incorporated a tile map system which given a matrix creates a scene by mapping given grid points, making level design and placement of game objects easy and efficient
Tech: C++, GLSL, SDL2

InsightUBC
Web Application   *01/2019 - 04/2019*
- Built a backend parsing engine using Typescipt that enables users to filter and aggregate UBC's course and room data

Travel Destinations
Web Application   *01/2019 - 04/2019*
- Wrote SQL queries that allow users to filter specific travel locations and built UI that enabled users to review, rate, and edit different destinations with PHP and HTML/CSS