https://github.com/tarikeshaq

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TARIK ESHAQ

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**2868 W 36th Ave,
Vancouver, BC**

TECHNICAL SKILLS

Programming languages: C++, Java, C#, C, JavaScript, Python, Assembly

Libraries, frameworks and databases:
- Node.JS and Express.JS   ● jQuery   ● JUnit   ● BootStrap   ● MongoDB   ● Git & GitHub   ● Android

WORK EXPERIENCE

Agile Software Developer Intern, *SAP*, Vancouver, BC   Sep 2018 – April 2019
- Developing features and solutions for SAP's Analytics cloud to serve SAP's 400,000 customers.
- Collaborating with a team of 13 to produce scalable and efficient JavaScript code.
- Within the first month, was leading the team's efforts on one of the team's major tasks where a solution to a problem that prevented over five teams from proceeding was implemented and teams were able to continue.
- Currently working on improving the performance of the product by reimplementing large scale processes while writing Jasmine unit tests to ensure correctness.

TECHNICAL PROJECTS

Pool Ranking System, *Personal Project,* https://internpoolranking.herokuapp.com/   Oct 2018 - Current
- Proactively developed a web application that holds an Elo based ranking system for Pool for the interns at SAP after realizing the lack of motivation to play pool by the interns.
- Built the web application using Node.JS, Express.JS, MongoDB and Slack's API.
- Used Slack's API to ensure that wins/loses are only declared within a specific public channel.
- It is currently on its way to become the official ranking used by interns.

Minesweeper, *Personal Project*, https://github.com/tarikeshaq/Minesweeper/   Aug 2018 – Sep 2018
- Used Object Oriented Programming to implement a minesweeper game clone using C#, ASP.NET and Visual Studio.
- Implemented a Composite design pattern to help add modular independence and built a breadth-first search algorithm to develop the functionality of the game.
- Currently working on improving the user interface.

ConnectivityApp, *nwHacks (Hackathon),* Vancouver, BC, https://github.com/DSep/ConnectivityApp/   Jan 2018
- Developed the backend of an android application that serves as a decentralized shared GPS application that creates a mesh network to help keep track of people's location if they don't have direct access to WIFI.
- Used Java, Android SDK, Gradle, Android Studio and RightMesh API to build the application.
- Worked in a team of five to build the application within 24-hours.

EDUCATION

Bachelor of Commerce, Combined Major in Business and Computer Science (BUCS), University of British Columbia, Vancouver, BC, **Expected Completion 2021**
- Key Courses: Basic Algorithms and Data Structures – in C++ (94%), Introduction to Computer Systems – in C and Assembly (94%), Software Construction and Objected Oriented Programming – in Java (95%).
- Cumulative GPA: 86% (Dean's Honor List).

EXTRA-CURRICULAR ACTIVITIES AND INTERESTS

- Participated in three hackathons (nwHacks, EduHacks, Vancouver Startup Week Hackathon) to develop technical and interpersonal skills while understanding the importance of team work.
- Was a part of JDC-West summer development team, a rigorous program (15 - 20 hours per week) where participants, in teams of four, solve business cases weekly.
- Currently leading a weekly algorithms workshop at SAP to help interns understand algorithms better.