Anika Tahsin Chowdhury

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TECHNOLOGIES AND LANGUAGES

- **Languages:** Swift, C/C++, Java.
- **Tech:** Xcode, Git, Android SDK, Angular, Agile, SQL.

WORK EXPERIENCE

Software Engineer — **Samsung R&D Institute Bangladesh** — **Apr 2019 — Aug 2022**

- Contributed to the development and improvement of the Samsung SmartThings Scan Nearby feature, resulting in increased user satisfaction and onboarding efficiency.
- Improved and fixed bugs in the SmartThings Help Card, enhancing the user experience.
- Implemented refactoring techniques to decrease the Cyclomatic and Cognitive Complexity of the SmartThings codebase.
- Demonstrated strong independent problem-solving skills by developing UI and Utility modules and writing Unit tests for the Samsung Galaxy Wearable and SmartThings projects.
- Designed and implemented new features for the Samsung Galaxy Wearable, including the ability to connect to mobile devices and facilitate data backup and restoration using Samsung Account.
- Adhered to Test-Driven Development practices to increase code coverage for the Samsung SmartThings project to over 70%

PROJECTS

- **Noughts and Crosses:** Developed Noughts and Crosses games for Android using Java and Android SDK. Implemented fixed-depth minimax AI to allow single-player to play against a computer opponent..

EDUCATION

Leading University, Sylhet, Bangladesh — **Oct 2016 — Mar 2019**
Bachelor of Science - Computer Science and Engineering

AWARDS

328th place at Google Code Jam to I/O for Women, Google	**Aug 2018**
10th Place at DIU National Girls Programming Contest, Daffodil International University	**Aug 2017**
NSU Inter University Girls Programming Contest, North South University	**Apr 2018**
LU National ICT Fest Programming Contest, Leading University	**Dec 2018**