MD ARFAN UDDIN
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Education

THE UNIVERSITY OF ARIZONA   May 2020
Bachelor of Science: Computer Science
Major GPA: 3.36/4.00
Coursework: Data Structure & Algorithm, Web Programming, Cloud Computing, HCI, Database Design, Linear Algebra, Neural Network, Stat. Natural Language Processing

Work Experiences

Hamilton Innovations, *Software Engineer.*   Jan 2020 - Present
- UI/UX Engineer of a proprietary application and code it on **Dart** and **Flutter**

Hexagon Mining, *Software Development Intern.*   May 2019 – Dec 2019
- Rewriting the serializer for MinePlane Schedule Optimizer (MPSO) in **C#** and **Json.net** that preforms 2x faster and takes around 2x-3x less memory based on benchmark test.

Department of Computer Science, U of A, *Section Leader, Undergraduate TA*   Jan 2019 - Present
- TAing *CSc 252* and leaded a section of 37 students for 2 hours a week for *CSc 210*
- Holds office hour to support students with the class materials and assignments.
- Evaluates programming assignments, quizzes, exams.

Office of International Admission, U of A, *Lead International Student Assistance.*   May 2016 – Sept 2019
- Automate work using browser **JavaScript** that saves times & clicks.
- Guide students with the application process.

Projects

Hereim-beta v0.1.1**,** *(Personal)* https://hereim.xyz
Connect people in meetup along with real time profile sharing w/ saving feature. Developed for **iOS** and **Android** platforms using **Dart** and **Flutter** that was built on top of a **REST API** developed in **NodeJS** hosted on **Google App Engine** with **MongoDB** hosted on **MongoDB Atlas** and **AWS S3**.

Mobile app Clone *(Personal)* https://github.com/arfan-rfn/appClones
Cloned Twitter, Instagram, WhatsApp, Uber, FlappyBird and created News Reader, Note Taker application for **Android** by using **Java**, **Parse**, **Firebase**, **Hacker News API,** and **AWS**.

CSc 335: Object oriented programming & design, *(Group Project)*
Build a real time group chat application with **Java socket programming** and **JavaFX** that was selected as one of the best projects in that category which was developed in **Agile Methodology**.

Leadership

Department of Computer Science, U of A, *Mentor*   Jan 2018 – May 2019
- Administer a workshop on *Raspberry Pi* to inspire CS students on hardwires.
- Mentor freshmen and advise them to on how to succeed through academic/career life.

Hack Arizona, *Organizer & Volunteer*   Jan 2017 – Jan 2019
- Running workshops for ***Android Development**,* Creating apps with ***Dart & Flutter*** (2019)
- Assist in finding sponsors and workshops for the beginners (2018).

Volunteer for Bangladesh (JAGOO), *Member*   Nov 2014
- Gather funds for children education in Bangladesh.

Awards

Dean's List with Distinction   2018

Programming Experience

Java, NodeJS, Dart, Flutter, JavaScript, Python, NumPy, MongoDB, AWS, Google Cloud, Android, HTML, CSS, Unix, Bash, C, MIPS, C#