

Education	<b>THE UNIVERSITY OF ARIZONA</b> <b>Bachelor of Science:</b> Computer Science <b>Major GPA:</b> 3.33/4.00 <b>Coursework:</b> Data Structure & Algorithm, Algorithm, Web programming, Cloud computing, HCI Database design, Linear algebra, Neural network	May 2020 (expected)
Work Experiences	<b>Hexagon Mining, Software Development Intern.</b> <ul style="list-style-type: none"> <li>Rewriting the serializer for MinePlane Schedule Optimizer (MPSO) in <b>C#</b> and <b>Json.net</b> that preforms 2x faster and takes around 2x-3x less memory based on benchmark test.</li> <li>Refactoring code that is more maintainable.</li> </ul> <b>Department of Computer Science, U of A, Section Leader, Undergraduate TA</b> <ul style="list-style-type: none"> <li>TAing CSc 252 and leaded a section of 37 students for 2 hours a week for CSc 210</li> <li>Holds office hour to support students with the class materials and assignments.</li> <li>Evaluates programming assignments, quizzes, exams.</li> </ul> <b>Office of International Admission, U of A, Lead International Student Assistance.</b> <ul style="list-style-type: none"> <li>Automate work using browser <b>JavaScript</b> that saves times &amp; clicks.</li> <li>Guide students with the application process.</li> </ul>	May 2019 - Present  Jan 2019 - Present  May 2016 – Sept 2019
Projects	<b>Hereim-beta v0.1.1, (Personal)</b> <a href="https://hereim.xyz">https://hereim.xyz</a> Connect people in meetup along with real time profile sharing w/ saving feature. Developed for <b>iOS</b> and <b>Android</b> platforms using <b>Dart</b> and <b>Flutter</b> that was built on top of a <b>REST API</b> developed in <b>NodeJS</b> hosted on <b>Google App Engine</b> with <b>MongoDB</b> hosted on <b>MongoDB Atlas</b> and <b>AWS S3</b> .  <b>Mobile app Clone (Personal)</b> <a href="https://github.com/arfan-rfn/appClones">https://github.com/arfan-rfn/appClones</a> Cloned Twitter, Instagram, WhatsApp, Uber, FlappyBird and created News Reader, Note Taker application for <b>Android</b> by using <b>Java</b> , <b>Parse</b> , <b>Firebase</b> , <b>Hacker News API</b> , and <b>AWS</b> .  <b>CSc 335: Object oriented programming &amp; design, (Group Project)</b> Build a real time group chat application with <b>Java socket programming</b> and <b>JavaFX</b> that was selected as one of the best projects in that category which was developed in <b>Agile Methodology</b> .	
Leadership	<b>Hack Arizona, Organizer &amp; Volunteer</b> <ul style="list-style-type: none"> <li>Running workshops for <b>Android Development</b>, Creating apps with <b>Dart &amp; Flutter</b> (2019)</li> <li>Assist in finding sponsors and workshops for the beginners (2018).</li> </ul> <b>Department of Computer Science, U of A, Mentor</b> <ul style="list-style-type: none"> <li>Administer a workshop on <b>Raspberry Pi</b> to inspire CS students on hardwires.</li> <li>Mentor freshmen and advise them to on how to succeed through academic/career life.</li> </ul> <b>Volunteer for Bangladesh (JAGOO), Member</b> <ul style="list-style-type: none"> <li>Gather funds for children education in Bangladesh.</li> </ul> <b>Winter Cloths Collection, Leader &amp; Planer</b> <ul style="list-style-type: none"> <li>Lead a group of 12 and collected approximate \$250 donation and 63 bags of used winter cloth for those affected by the cold in Northern Bangladesh.</li> </ul>	Jan 2018 – present  Jan 2018 – May 2019  Nov 2014  Oct 2013 – Dec 2013
Awards	<b>Dean's List with Distinction</b>	2018
Programming Experience	<b>Java, NodeJS, Dart, Flutter, JavaScript, Python, NumPy, MongoDB, AWS, Google Cloud, Android, HTML, CSS, Unix, Bash, C, MIPS, C#</b>	