

# Asu Dhakal

<b>Contact</b>	<u>Email:</u> asutosh.dhakal@utexas.edu <u>Tel:</u> 469.569.3338	
<b>Education</b>	The University of Texas at Austin Bachelors of Science in Computer Science	Expected May 2020
<b>Experience</b>	<b>Amazon</b> Summer 2018 <i>Software Developer Engineering Intern</i> <i>Seattle, WA</i> <ul style="list-style-type: none"><li>• Team TBD.</li></ul> <b>Bankrate</b> May 2017 - December 2017 <i>Software Engineering Intern</i> <i>Austin, TX</i> <ul style="list-style-type: none"><li>• Implemented an API service using Spring Boot in an Agile environment</li><li>• Deployed containerized applications using Docker and AWS</li><li>• Developed front end logic using NodeJS, React/Redux, and Express</li><li>• Created revenue processing systems to analyze and parse through large amounts of transaction data</li></ul> <b>Livestrong Foundation</b> January 2017 - May 2017 <i>Software Developer Intern</i> <i>Austin, TX</i> <ul style="list-style-type: none"><li>• Used MongoDB and NodeJS to add functionality to the website</li><li>• Updated web page content using Drupal and HTML/CSS</li><li>• Created a way to allow optimal search results when user's search for local YMCA spots using LeafletJS</li></ul>	
<b>Projects</b>	<ul style="list-style-type: none"><li>• WhereUT? — creating an application that allows users to find other students on campus and schedule hang-outs and social gatherings. Used Google's Firebase and authentication services from Twitter and Facebook.</li><li>• Listify — developed a small web app that returns Spotify playlist suggestions based on a user uploaded picture. Used python's Spotipy API and Microsoft's vision API.</li><li>• Huffman Compression — built a fully functional compression and decompression user interface.</li><li>• PyBucks — creating a visual representation of all Starbucks locations in the world.</li><li>• Markup — created a Google Chrome extension that allows users to save notes and MLA citations on a given web page.</li><li>• Digit Recognizer — used an evolutionary algorithm to optimize hyper parameters in scikit learns method MLPClassifier to improve digit accuracy to 98</li><li>• YikYakAndroid — developed a Yik Yak clone on Android, using Google Firebase.</li></ul>	
<b>Activites and Honors</b>	UT Saaya - Competitive Dance Team, <i>Member</i> Mobile App Development, <i>Member</i> University Honors	August 2017 - Present August 2016 - Present Fall 2016, Spring 2017
<b>Skills</b>	<u>Programming Languages:</u> Java, Python, <i>Familiar with:</i> C <u>Tools:</u> <i>Familiar with</i> iOS, React/Redux, Django, Flask, HTML, CSS, Spring Boot	
<b>Notable Coursework</b>	Data Structures and Algorithms, Operating Systems*, Programming for Performance* Computer Architecture, Discrete Mathematics, Linear Algebra, Probability*, Computational Intelligence. (Spring 2018*)	