

Asu Dhakal

Contact	<u>Email:</u> asutosh.dhakal@utexas.edu <u>Phone:</u> 469.569.3338	
Education	The University of Texas at Austin Bachelor of Science in Computer Science	Expected May 2020
Experience	Amazon Summer 2018 <i>Software Developer Engineering Intern</i> <i>Seattle, WA</i> <ul style="list-style-type: none">• Team TBD. Bankrate May 2017 - December 2017 <i>Software Engineering Intern</i> <i>Austin, TX</i> <ul style="list-style-type: none">• Implemented an API service using Spring Boot in an Agile environment• Deployed containerized applications using Docker and AWS• Developed front end logic using NodeJS, React/Redux, and Express• Created revenue processing systems to analyze and parse through large amounts of transaction data Livestrong Foundation January 2017 - May 2017 <i>Software Developer Intern</i> <i>Austin, TX</i> <ul style="list-style-type: none">• Used MongoDB and NodeJS to add functionality to the website• Updated web page content using Drupal and HTML/CSS• Created a way to allow optimal search results when user's search for local YMCA spots using LeafletJS	
Projects	<ul style="list-style-type: none">• 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.• 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.• Huffman Compression — built a fully functional compression and decompression user interface.• PyBucks — creating a visual representation of all Starbucks locations in the world.• MarkUp — created a Google Chrome extension that allows users to save notes and MLA citations on a given web page.• Digit Recognizer — used an evolutionary algorithm to optimize hyper parameters in scikit learns method MLPClassifier to improve digit accuracy to 98• YikYakAndroid — developed a Yik Yak clone on Android, using Google Firebase.	
Activites and Honors	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
Skills	<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	
Notable Coursework	Data Structures and Algorithms, Operating Systems*, Programming for Performance* Computer Architecture, Discrete Mathematics, Linear Algebra, Probability*, Computational Intelligence. (Spring 2018*)	