

Asu Dhakal

Contact	<u>Email</u> : asutosh.dhakal@utexas.edu <u>Tel</u> : 469.569.3338	
Education	The University of Texas at Austin Bachelors of Science in Computer Science	Anticipated May 2020
Experience	Amazon	Fall 2018
	<i>Software Developer Engineering Intern</i>	<i>TBD</i>
	• Incoming fall intern at Amazon, the largest online retailer and cloud services provider	
	Qualtrics	Summer 2018
	<i>Software Engineering Intern</i>	<i>Seattle, WA</i>
	• Incoming summer intern at Qualtrics, the market leader in experience management	
	Bankrate	May 2017 - December 2017
	<i>Software Engineering Intern</i>	<i>Austin, TX</i>
	• 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>
	• 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	• 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>	August 2017 - Present
	Mobile App Development, <i>Member</i>	August 2016 - Present
	University Honors	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*)	