

Asmi Kafle

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Portfolio Website: <https://asmi-kafle.github.io/MyPortfolio/>

EDUCATION:	Texas A&M University , College Station, Texas	
	Bachelor in Computer Engineering, Electrical Engineering Track w/ a Minor in Cyber Security	Aug, 2017 – May, 2020
	North Lake College , Irving, Texas	
	Bachelor in Computer Engineering	Jan, 2016 – May, 2017
	Oklahoma State University , Stillwater, Oklahoma	
	Bachelor in Computer Engineering	Aug, 2015 – Dec, 2015
RELEVANT COURSERWORK:	Data Management	Cryptography
	Operating Systems	Computer Design and Architecture
	Data Structure and Algorithm	Computer Networks and System
SKILLS:	Software Development: Unix, Git, C++, C, Python, Scheme and LabVIEW	
	Data Management: SQL, MATLAB and Microsoft Access	
	Web Development: JavaScript, NodeJS, Angular8, Material Design, Bootstrap, Typescript, HTML5/CSS	
	Excellent written and verbal communication skills in English, Nepali, and Hindi	
PROJECTS:	Pepper Robot: Crowd Navigation System	
	Aug, 2019 – Present	
	<ul style="list-style-type: none">Implemented SLAM on Pepper robot to map, localize, and plan the best path from position A to B and traverse the path successfully avoiding obstacles	
	Mini Robots	
	Jan, 2018 – Aug, 2018	
	<ul style="list-style-type: none">Built and programmed robot to function as a crane using MATLAB and LabVIEW	
	<ul style="list-style-type: none">Built robot from scratch and programmed motion on Arduino platform with embedded C	
EXPERIENCE:	Fidelity Investments , Software Engineer Intern	
	Jun, 2019 – Aug, 2019	
	<ul style="list-style-type: none">Designed and implemented an angular frontend for management of user owned RDS instances by fetching and updating data located on AWS APIIntegrated front-end design with backend web service designed by cross-functional team membersCollaborated with cross functional team-members and presented group findings to senior management team for Corporate Technology Group	
	TAMU Academic Success Center , Transfer Student Peer Mentor	
	Aug, 2018 – May, 2019	
	<ul style="list-style-type: none">Provided academic support through building rapport and maintained a peer mentor relationship with assigned studentsInformed Program Coordinator and/or Director immediately of students who appear to be exhibiting behaviors that are counterproductive to academic success while maintaining confidentiality and adhering to FERPA policyParticipated in orientation, campus festivals, and other events organized by the department	
	Le Sharma , Volunteer	
	May, 2016 – Jul, 2016	
	<ul style="list-style-type: none">Designed record management tool using MS Access & Excel to functionalize existing data recordsMediated business development negotiations between customers and owner	
LEADERSHIP ROLES:	TAMU Hackathon 2020 , Judge	
	Jan, 2020	
	<ul style="list-style-type: none">Judged more than 30 software projects built to solve current pressing global issues	
	Women in Engineering , Ambassador	
	Jan, 2019 – Present	
	<ul style="list-style-type: none">Organized and managed recruiting events in different cities around Texas to encourage prospective students to join A&MGenerated, implemented low cost high impact event ideas aimed at benefiting fellow engineers	
	Nepalese Student Association , Officer	
	Mar, 2018 – Mar, 2019	
	<ul style="list-style-type: none">Pursued sponsorship and organized cultural events through Nepalese Student Association that helped grow the quality of the network of students and Aggie alumni	
	The Big Event , Institute of Electrical and Electronics Engineers, Leader	
	Mar, 2019	
	<ul style="list-style-type: none">Replanted garden and painted fences for an elderly couple as part of TAMU's community-wide service project, as an appreciation for residents of Bryan-College Station area	