

Deesha Kumbham

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Education

Aug 2018 – Present	The University of Texas at Dallas Bachelor of Science in Computer Science Expected Graduation: May 2022	GPA: 3.7
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Experience

June 2020 – August 2020	Lockheed Martin • Software Engineer Internship • Syracuse, NY <ul style="list-style-type: none">Developed features on truck radar systems interface to improve readability and resolve bugs in Java, C++, and PerlCreated shell/bash scripts to automate installation processes using robot framework and Jenkins
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Projects

Safe Routes App	<ul style="list-style-type: none">Created a navigation app that prioritizes safety using react nativeDeveloped an algorithm to create a safety rating from A+ to F using maps and navigation from Google Maps API, reported fatalities and accident from NHTSA API, live weather conditions from OpenWeather API, and live traffic/accidents and construction MapQuest Traffic APIImplemented 3 possible routes in which user can view historic accidents and fatalities along with step by step navigation with duration, length, and a short description of each step of the route using Google Maps Directions APIBuilt a function to allow the user to search for the origin and destination by typing in a simple name of each location using Google Maps Geocoding API
FACE Website	<ul style="list-style-type: none">Developed a prototype website for a non-profit organization Facing Abuse in Community Environments to store hate crime reports using CSS/HTML and MongoDBImproved efficiency from FACE's old system of manually storing information into a drive to save time
Monster Barrel Game	<ul style="list-style-type: none">Built a single-player game using C using unity engine that had rolling monsters in straight lines down a ramp needed to be caught in a barrel with a score systemDeveloped monsters and barrel graphics using Blendr

Skills

<i>Programming Languages</i>	Python, HTML, CSS, Java, JavaScript, TypeScript, Bash/Shell, SQL, C/C++
<i>Frameworks / Platforms</i>	React, React Native, NodeJS, Unity, Robot framework, Jenkins, JIRA, AWS, Oracle, MongoDB
<i>Courses</i>	Data Structures, C/C++ in Unix, Computer Architecture, Database Systems, Discrete Math

Leadership Roles/Organizations

April 2020 – Present	Society of Women in Engineering UT Dallas • Officer of SWE <ul style="list-style-type: none">Leading workshops on building personal websites and professional developmentManaged a committee to organize SWE Conference scholarship for aspiring women engineersReceived WE19 and WE20 scholarship, and CLI leadership program scholarship 2020
Nov 2019 – Present	WEHack 2020 • Co-head of logistics committee <ul style="list-style-type: none">Co-hosting the first all-female hackathon at UTD with 300 student participantsWEHack is creating a diverse environment to empower women in engineering
Aug 2020 - Present	Women Who Compute at UT Dallas • Mentor <ul style="list-style-type: none">Established Ladies in Tech program to provide mentorship for freshman to cultivate skills
Feb 2020 – May 2020	Association of Computing Machinery at UT Dallas • Fullstack Developer <ul style="list-style-type: none">Developed Safe Routes mobile app in a team of threeCollaborated on developing safety rating algorithm using data