

# Kritarth Vyas

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<b>Objective</b>	Internship for Summer 2021 in Software Engineering	
<b>Education</b>	<b>University of Wisconsin Madison</b> BS Electrical Engineering <ul style="list-style-type: none"><li>Second major in Computer Science</li></ul>	<i>Expected December 2021</i>
<b>Skills</b>	<b>Frontend:</b> HTML, CSS, JavaScript, React, Swift, React Native, iOS development tools, JavaFX, Adobe XD, User Interface and Experience design <b>Backend:</b> Python, Java, C/C++, MySQL, PostgreSQL, REST APIs, Git <b>Machine Learning:</b> TensorFlow, DialogFlow, MATLAB	
<b>Work Experience</b>	<b>Chief Strategic Officer (CSO) &amp; Co-CTO</b> AMB Industries Inc. // <i>Ahmedabad, India</i> <ul style="list-style-type: none"><li>Designed high altitude solar energy harvester with the Indian Ministry of Defense</li><li>Prototyped and troubleshot radiant energy harvester for low power IOT devices.</li><li>Led successful campaigns for 9V mini tesla coil DIY kits for Maker Faire.</li></ul>	<i>2016 - 2021</i>
	<b>Undergraduate Student Worker</b> Wisconsin Plasma Physics Laboratory // <i>UW-Madison</i> <ul style="list-style-type: none"><li>Designed and soldered electric circuits, experimental assembly under Cary Forest group for experiments: Big Red Ball, Madison Symmetric Torus, Terrestrial Reconnection Experiment</li></ul>	<i>2018 – 2020</i>
<b>Projects</b>	<b>Virtual Shopping Assistant for WiscShop</b> Tech stack: DialogFlow, React  <b>Calories tracking and fitness mobile application</b> Tech stack: React Native, iOS expo client  <b>UW Madison course Scheduling web application</b> Tech stack: React, HTML, CSS, JavaScript  <b>Wisconsin voter information mobile visualizer w/ Amuz</b> Tech stack: Swift, SwiftUI, iOS development tools, PostgreSQL  <b>Covid-19 data web visualizer</b> Tech stack: Java, JavaFX	
<b>Extra-Curricular</b>	<b>Secretary and Co-Founder</b> // Agile Student Organization Founding member of the first Product management student organization at UW-Madison with 20 active members.	<i>2020 – Present</i>
<b>Certificates</b>	<b>TensorFlow in Practice Specialization</b> (1/4 courses) – <i>Coursera</i> <b>Python for Everybody Specialization</b> (5/5 courses) – <i>Coursera</i> <b>Java Programming - HKUSTx</b> , edX	
<b>Languages</b>	English, German, Hindi, Gujarati	