

# Thomas McDonald

tmcd.me  
Houston, TX

EDUCATION	Texas A&M University, College Station, TX Bachelor of Science in Computer Science Emphasis in Business	May 2020 GPA: 4.00 ACT: 32
HONORS	Industrial Affiliate Program Scholarship Dean's Honor Roll Eagle Scout	2017 - 2020 Spring 2019 2015
SKILLS	C++, JavaScript/Node.js, Python, Docker, Vue, React, Kubernetes, Java, Git, Project Management, Public Speaking	
RELEVANT EXPERIENCE	JP Morgan Chase, Houston, TX Software Engineering Intern	June 2019 - August 2019
	<ul style="list-style-type: none"><li>Developed a centralized logging utility to reduce the number of emails by roughly 90% per release using Kafka and Elastic Stack</li><li>Introduced blue/green deployments to eliminate application deployment downtime</li><li>Implemented post verification testing in order to reduce the number of failed application deployments</li></ul>	
	AT&T, Dallas, TX Software Engineering Intern	June 2018 - August 2018
	<ul style="list-style-type: none"><li>Pitched platform idea to senior leaders to reduce team on boarding time from 1 month to 2 weeks</li><li>Worked heavily with Kubernetes on a platform to deploy and scale applications to be used by the entire technology organization</li><li>Created an analytic dashboard using Angular and Django with team of four to provide customer service insights to identify service pain points</li></ul>	
	Sympliact, College Station, TX Web Developer (part-time)	March 2018 - May 2018
	<ul style="list-style-type: none"><li>Developed patient-facing React application in order to centralize patient records between medical practices, easing the transition to other practices</li><li>Worked on design of data organization to optimize data flow and storage</li></ul>	
LEADERSHIP	Aggie Coding Club Workshops Co-Chair	March 2018 - present
	<ul style="list-style-type: none"><li>Developed and taught over 20 workshops teaching a variety of technologies to members with other co-chair</li><li>Trained two members to become workshop chairs with co-chair</li></ul>	
	Aggie STEM Project Manager	September 2017 - May 2018
	<ul style="list-style-type: none"><li>Managed team of three to develop a mobile application for STEM summer camps and communicated progress to superiors</li><li>Application was developed but not deployed in time for the organization's summer camps</li></ul>	
	Head Night Counselor	June 2017 - July 2017
	<ul style="list-style-type: none"><li>Worked with a team of 11 to ensure an itinerary was kept and campers were accounted</li><li>Ensured effective communication between night and day counselors, managed medical needs, and resolved conflicts</li></ul>	
PROJECTS & RESEARCH	Personal JWT Authentication Microservice	December 2018
	<ul style="list-style-type: none"><li>Developed a microservice to handle application authentication, login and registration pages, and password resetting</li></ul>	
	SiteCoach Adwords Scraping	November 2017 - December 2017
	<ul style="list-style-type: none"><li>Developed autonomous advertisement data scraping tool in Python to reduce report generation time from 45 minutes to 10 minutes</li></ul>	
	Texas A&M University - PSI Labs Development of a Mobile Stress Management Game Prototype	June 2017 - August 2017
	<ul style="list-style-type: none"><li>Developed game to analyze the use of biofeedback to teach stress management</li></ul>	