

# Justin Lee Do

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*I am a highly motivated full-time graduate student currently seeking full-time opportunities in Computer Science. As a technologist, I believe that we must not forget the humanity behind technology. A quick learner, I seek breadth and depth in my studies, and excel at communicating with others in leadership positions, group projects, and teaching assignments; furthermore, my experiences come from an array of backgrounds, highlighting my respect for diverse thought. I am pursuing a career that will allow me to excel at communication and coding, whether it be in software engineering, consulting, or research.*

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## EDUCATION

<b>Graduate: University of North Carolina at Chapel Hill</b>	8.2020 – 5.2021
-Master of Computer Science: Dual BS/MS program; On track for May 2021 graduation.	
<b>Undergraduate: University of North Carolina at Chapel Hill   GPA: 3.88</b>	8.2016 – 5.2020
-Major: Bachelor of Science in Computer Science, Bachelor of Science in Information Science	
-Minor: Philosophy, Politics, and Economics (PPE)	
-Achievements: Highest Distinction / Honors College / Dean's List / Phi Beta Kappa	
<b>Relevant Coursework:</b>	
-In-Progress: Operating Systems / Security / Machine Learning / Computational Photography	
-Complete: Web Programming / Networking / Compilers / Databases / Digital Logic / A.I. / Algorithms	

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## WORK EXPERIENCE

<b>Graduate Teaching Assistant at UNC Computer Science</b>	8.2020 – Present
-Served students as TA for COMP 411, an intermediate course about computer organization and digital logic.	
-Graded assignments, created programming assignments, taught recitations, and managed Undergraduate LA's.	
<b>Undergraduate Learning Assistant at UNC Computer Science</b>	1.2018 – 5.2020
-Served students as LA for introductory programming class COMP 110 and organization class COMP 411.	
-Provided individual assistance on assignments in office hours, helped with lectures, and led recitations.	
<b>Walk-in Support Technician at UNC ITS Service Desk</b>	5.2018 – 5.2020
-Troubleshoot general technical issues, diagnosed hardware problems, and configured new machines.	
<b>Software Engineering Intern at Raytheon (Space and Airborne Systems)</b>	5.2019 – 8.2019
-Collaborated with Radio Frequency team to modernize front-end display of radar images.	
-Developed image processing application with <b>Java Enterprise, JMS, JavaScript, and ReactJS</b> .	
<b>Viyb Health</b>	5.2018 – 8.2018
-Developed functional prototype of web app to match mental health patients with appropriate clinicians.	
-Deployed the following technologies: <b>PHP, CodeIgniter, JavaScript, and MySQL</b> .	

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## TECHNICAL PROJECTS

<b>Code-Based Inference Research</b>	8.2020 – Present
-Collaborated on algorithms that predict when programmers need help and return useful web literature.	
-Applied Machine Learning to syntax trees of student <b>C</b> code; Natural Language Processing of online forums.	
<b>UNC Summer of Code</b>	6.2020 – 8.2020
-Served as Full Stack Developer for a web application that embeds co-browsing functionality into any web page.	
-Developed application in 6 weeks and handed over to UNC School of Education for classroom use.	
-Utilized <b>Firebase</b> for deployment of front-end, <b>AWS Lambda / S3</b> for back-end features and hosting.	
<b>Family Photo Database</b>	1.2019 – 1.2020
-Created and hosted a searchable <b>SQL</b> web database of family photos using <b>PHP</b> and the <b>Piwigo</b> library.	
-Scanned and tagged thousands of photos in <b>Adobe Lightroom</b> to include information about who, where, and when.	

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## LEADERSHIP AND ACTIVITIES

<b>Computer Science Student Ambassador</b>	8.2019 – Present
-Served as student leader by assisting departmental info sessions and interfacing with corporate partners.	
<b>Phi Sigma Pi National Honor Fraternity</b>	3.2017 – 5.2020
-Treasurer from 2019-2020; created budget, oversaw all financial transactions, and managed thousands of dollars.	
-IT Committee Chair from 2017-2020; developed a mobile application for fraternity activities with <b>React Native</b> .	
<b>School of Information and Library Science</b>	8.2019 – 12.2019
-President of Information and Library Science Student Association (ILSSA).	
<b>Study Abroad at Universidad Carlos III de Madrid</b>	8.2018 – 12.2018
-Spent a semester immersed in Spanish culture while completing major coursework.	
<b>Boy Scouts of America (Troop 346)</b>	8.2004 – 5.2018
-Earned Eagle Scout Award in 2013 and earned additional Eagle Palms for continued troop involvement.	