

JUSTIN JAESUNG LEE		
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<b>EDUCATION</b>	<b>UNIVERSITY OF MICHIGAN – Ann Arbor</b>	
	<b>College of Engineering</b> <ul style="list-style-type: none"> <li>• Computer Science BSE</li> <li>• GPA: 3.54/4.00</li> </ul>	<b>Expected April 2021</b>
<b>WORK EXPERIENCE</b>	<b>Capstone Surgical Technologies – Troy, MI</b> <b>Software Intern – C/C++, C#</b> Developed hardware and software to assist orthopedic surgeons Reduced vertebrae segmentation algorithm runtime from 25 minutes to 5 Used PCL transformation functions for DICOM data processing Rapidly prototyped demonstrations with Arduino and Windows Forms	<b>Summer 2019</b>
<b>TECHNICAL SKILLS</b>	<b>Languages:</b> C/C++, Java, Swift, LEGv8, MATLAB <b>Database Systems:</b> Parse, Firebase <b>Application and Tools:</b> Excel, Git, VsVim, Bash	
<b>RELEVANT COURSEWORK</b>	<b>EECS 482 – Intro. to Operating Systems</b> <b>EECS 381 – Adv. Object Oriented Programming</b> P6 – C/C++ An extensible and maintainable multiplayer naval simulator <b>EECS 370 – Intro. to Computer Organization</b> LC2K – C Suite of tools to assemble, link, and simulate assembly code <b>EECS 281 – Data Structures and Algorithms</b> <i>Star Wars IX: A New Heap</i> – C++ Stock market simulator clashing ‘Sith’ sellers against ‘Jedi’ buyers	<b>Winter 2018</b> <b>Fall 2018</b>  <b>Spring 2018</b>  <b>Winter 2017</b>
<b>PERSONAL PROJECTS</b>	<i>DCDSwarm</i> – Android + iOS Downloads and displays personal assignments and schedules Performs HTTP requests to login and scrape from school website Wrote Excel scripts to format school schedule into JSON files <i>MATLabber</i> – Java + MATLAB Analyzes and graphically renders electronic laboratory data <i>Crammunity</i> – iOS Sends and stores messages for student study sessions	<b>2016 - 2018</b>  <b>Summer 2016</b> <b>Summer 2015</b>
<b>EXPERIENCE</b>	<b>FRC ROBOTICS TEAM</b>	<b>2012 - 2017</b>
	<b>Captain</b>	
	Ensured electronic functionality of the robot by designing and constructing a housing system	
	Organized daily schedule to achieve season goals by competition date	
	<b>COMPUTER CLUB</b>	<b>2012 – 2017</b>
	<b>Captain</b>	
	Competed and placed in state programming competitions	
	Taught new members how to use programming concepts and tools	
	<b>MT. BRIGHTON SKI PATROL</b>	<b>2015 - 2017</b>
	<b>Junior Patroller</b>	

	<p>Cleaned and inventoried equipment and supplies</p> <p>Protected and communicated incident locations to medical patrollers</p>
<b>ADDITIONAL</b>	<ul style="list-style-type: none"> <li>• MSBOA All State Violist, played in string quartet at functions and charity events.</li> <li>• Fullback on Varsity soccer team</li> <li>• Photonix – 4 years of glowsticking and poi</li> </ul>