

# JUSTIN JAESUNG LEE

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EDUCATION	<b>UNIVERSITY OF MICHIGAN – Ann Arbor</b> <b>Computer Science BSE</b> <ul style="list-style-type: none"><li>College of Engineering</li><li>GPA: 3.52/4.00</li></ul>	Expected Winter 2021
WORK EXPERIENCE	<b>Capital One – Mountaineers Tech Intern</b> <i>Go, Python, Salesforce LWC/React, PostgreSQL, AWS EC2</i> Created a full-stack application to replace manual data upload Developed a RESTful API in Golang exposing PostgreSQL vendor data Designed an intuitive React frontend based on Salesforce workflow Deployed to EC2 cloud instances for server load balancing and uptime  <b>Capstone Surgical Technologies – Software Intern</b> <i>C/C++, C#</i> Developed hardware and software to assist orthopedic surgeons Rapidly prototyped demonstrations with Arduino and Windows Forms Used PCL to segment and surface spinal vertebrae from CT scans Optimized surfacing runtime from 25 minutes to 3 minutes	Summer 2020 McLean, VA (Virtual)  Summer 2019 Troy, MI
TECHNICAL SKILLS	<b>Languages:</b> C/C++, Python, Java, Swift, LEGv8 <b>Frameworks:</b> React, Flask, Nest.js, Angular <b>Tools:</b> Firebase CloudStore, Excel, Git, VsVim, Bash	
RELEVANT COURSEWORK	<b>EECS 482</b> – Intro. to Operating Systems <b>EECS 381</b> – Adv. Object Oriented Programming <i>P6 – C/C++</i> An extensible and scalable multiplayer naval warfare simulator <b>EECS 370</b> – Intro. to Computer Organization <b>EECS 281</b> – Data Structures and Algorithms <i>Star Wars IX: A New Heap</i> – C++ Stock market simulator clashing ‘Sith’ sellers against ‘Jedi’ buyers	Winter 2018 Fall 2018  Spring 2018 Winter 2017
PERSONAL PROJECTS	<b>Shaped</b> – React Native, Nest.js, Firebase CloudStore A dating platform built on semi-public discussions and interactions <b>Home</b> – Bash + Vimscript My personal Unix configuration files <b>DCDSwarm</b> – Android + iOS Downloads and displays personal assignments and schedules Performs HTTP requests to login and scrape from school website Runs scripts to export Excel school schedule into JSON <b>MATLabber</b> – Java + MATLAB Analyzes and graphically renders electronic laboratory data <b>Crammunity</b> – iOS Sends and stores messages for student study sessions	Summer 2020  2019-2020  2016 - 2018  Summer 2016 Summer 2015