

JUSTIN JAESUNG LEE

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EDUCATION	UNIVERSITY OF MICHIGAN – Ann Arbor Bachelor's Degree in Computer Science <ul style="list-style-type: none">College of EngineeringGPA: 3.52/4.00	Expected April 2021
WORK EXPERIENCE	Capital One – Mountaineers Tech Intern <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 Capstone Surgical Technologies – Software Intern <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	Languages: C/C++, Python, Java, Swift, LEGv8 Frameworks: React, Flask, Nest.js, Angular Tools: Firebase CloudStore, Excel, Git, VsVim, Bash	
RELEVANT COURSEWORK	EECS 482 – Intro. to Operating Systems EECS 381 – Adv. Object Oriented Programming <i>P6 – C/C++</i> An extensible and scalable multiplayer naval warfare simulator EECS 370 – Intro. to Computer Organization EECS 281 – 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	Shaped – React Native, Nest.js, Firebase CloudStore A dating platform built on semi-public discussions and interactions Home – Bash + Vimscript My personal Unix configuration files DCDSwarm – 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 MATLabber – Java + MATLAB Analyzes and graphically renders electronic laboratory data Crammunity – iOS Sends and stores messages for student study sessions	Summer 2020 2019-2020 2016 - 2018 Summer 2016 Summer 2015