JUSTIN JAESUNG LEE

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EDUCATION	**UNIVERSITY OF MICHIGAN – Ann Arbor**	
	College of Engineering	**Expected April 2021**
	• Computer Science BSE	
	• GPA: 3.68/4.00	

TECHNICAL SKILLS

Languages: C/C++, Java, Swift, LEGv8, MATLAB
Database Systems: Parse, Firebase
Application and Tools: Excel, Git, Vim, Bash

RELEVANT COURSEWORK

EECS 482 – Intro. to Operating Systems	**Winter 2018**
EECS 381 – Adv. Object Oriented Programming	**Fall 2018**

   P6 – C/C++

     An extensible and maintainable naval warfare simulator with over 40 files

EECS 370 – Intro. to Computer Organization	**Spring 2018**

   LC2K – C

     Suite of tools to assemble, link, and simulate assembly code

EECS 281 – Data Structures and Algorithms	**Winter 2017**

   Star Wars IX: A New Heap – C++

     Stock market simulator clashing 'Sith' sellers against 'Jedi' buyers

PERSONAL PROJECTS

DCDSwarm – Android + iOS	**2016 - 2018**

   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

MATLabber – Java + MATLAB	**Summer 2016**

   Analyzes and graphically renders electronic laboratory data

Crammunity – iOS	**Summer 2015**

   Sends and stores messages for student study sessions

EXPERIENCE

FRC ROBOTICS TEAM	**2012 - 2017**

Captain
   Ensured electronic functionality of the robot by designing and constructing a housing system
   Organized daily schedule to achieve season goals by competition date

COMPUTER CLUB	**2012 - 2017**

Captain
   Competed and placed in state programming competitions
   Taught new members how to use programming concepts and tools

MT. BRIGHTON SKI PATROL	**2015 - 2017**

Junior Patroller
   Cleaned and inventoried equipment and supplies
   Protected and communicated incident locations to medical patrollers

ADDITIONAL

- MSBOA All State Violist, played in string quartet at functions and charity events.
- Fullback on Varsity soccer team
- Photonix – 4 years of glowsticking and poi