



# JASON JOSHUA

## CONTACT

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[JASONJOSHUA.COM](http://JASONJOSHUA.COM)

## EDUCATION

UNIVERSITY OF CALIFORNIA,  
SAN DIEGO (2015-2019)

B.S Mechanical Engineering  
Minor: Business Administration

- M.K Fives Academic Scholarship Recipient  
(May 2016)



## PROFILE

A passionate, energetic man who is willing to work creatively, passionately and ultimately above and beyond. Experienced in both forging strong teamwork between individuals as leader and team player

## EXPERIENCE

### PRODUCT DEVELOPMENT ENGINEER

TOP-SHELF FIXTURES | CHINO, CA, USA | JUL '19 - JUN '20

- Lead product cycle iteration from conceptual to prototype to mass production in a lean and effective way
  - Utilized sheet metal, wire, tube, powder coating, welding manufacturing
- Developed robust and modular design by translating client's and sales team requirement by utilizing hand sketches, 3D CAD, rapid-prototyping
- Generated technical specifications, drawings, BOMs to be mass produced by the manufacturing plant

### PRODUCT DEVELOPMENT ENGINEER

DIAGNOLOGIX, LLC. | SAN DIEGO, CA, USA | JUN '18 - APR '19

- Responsible for extensive research and development on medical grade automated system utilizing rapid prototyping (Solidworks, 3D printer (FDM, SLA), laser cut for design validation and presentation
- Integrated Arduino to automate a closed system blood isolation technology for automation prototype
- Generated technical specifications and drawing for vendors price quote

### MACHINE SHOP TEACHING ASSISTANT

UC SAN DIEGO | SAN DIEGO, CA, USA | JAN '18 - MAR '18

- Enabled student to use the machine independently by managing and assisting 20+ students to developed prototypes utilizing 3D printer, CNC Mill, manual milling, lathe
- Increased lab efficiency by 20% by initiating a redesign of the class system

## ORGANIZATION

### PRESIDENT

SAN DIEGO INDONESIAN ASSOCIATION | JUN '18 - JUN '19

- Lead a team of 7 to provide over 200 Indonesian students with future career platform in US and Indonesia
- Improved the relationship between the San Diego Indonesian community with the Consulate General of Indonesia in Los Angeles
- Fund-raised \$5000+ through executing over 14 fundraisers within 3 quarters to increase inclusion and membership retention

## SKILLS

- English / Bahasa Indonesia / Mandarin
- Solidworks, Inventor, Fusion 360, 3D Print, Mechatronics
- CNC Machine, Milling, Lathe, Bandsaw
- C/C++/Python