



JASON JOSHUA

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.

CONTACT

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EXPERIENCE

PRODUCT DEVELOPMENT ENGINEER

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

- Led 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 conducting extensive research and development on medical grade automated system utilizing rapid prototyping (Solidworks, FDM & SLA 3D printer), 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

- Empowered 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

- Led 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

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

B.S. MECHANICAL ENGINEERING | 2015-2019

MINOR: BUSINESS ADMINISTRATION

- M.K FIVES ACADEMIC SCHOLARSHIP RECIPIENT (MAY 2016)

SKILLS

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