JASON JOSHUA

PRODUCT DEVELOPMENT ENGINEER

CONTACT

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JASONJOSHUA.COM

PROFILE

A passionate, energetic man who is willing to learn and work on creative yet out-of-the-box innovation. Experienced in both forging strong teamwork between individuals as team player.

EXPERIENCE

PRODUCT DEVELOPMENT ENGINEER
TOP-SHELF FIXTURES | CHINO, CA, USA | AUG '19 - JUN '20
- Leading a team to design and managed a productto achieve the year's goal
- Developed robust and modular designbased on client's needs by utilizing hand sketches, 3D CAD, rapid-prototyping
  - Sheet metal, wire, tube, powder coating, welding manufacturing
- Generated technical drawings and explaining design concepts to be mass produced by the manufacturing plant

PRODUCT DEVELOPMENT ENGINEER
DIAGNOLOGIX, LLC. | SAN DIEGO, CA, USA | JUN '18 - APR '19
- Designed and rapid prototyped medical grade automated system
  - Utilized Solidworks, 3D printer (FDM & SLA), CNC Machine to prototype for grants presentation
- Integrated Arduino to automate a closed system blood isolation technology

PRESIDENT
SAN DIEGO INDONESIAN ASSOCIATION | JUN '18 - JUN '19
- Lead and directed a team of 7 by making events to prepare Indonesian student in San Diego for the future
- Planned and managed several fundraisers over the course of the quarter to raise USD $5,000

MACHINE SHOP TEACHING ASSISTANT
UC SAN DIEGO | SAN DIEGO, CA, USA | JAN '18 - MAR '18
- Taught and assited 20+ students to developed prototypes utilizing 3D printer, CNC Mill, manual milling, lathe
- Assited faculty and remodeled the class sytem to increase lab efficiency

EDUCATION

BACHELOR OF SCIENCE, MECHANICAL ENGINEERING
UNIVERSITY OF CALIFORNIA, SAN DIEGO | 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++/Phyton**