
Jerrold Ancheta

Industrial Designer

Jerrold Ancheta

San Jose, CA

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Career

Industrial Designer with product engineering and prototyping foundation. Skilled with all phases of the design process which includes research, concept development, sketching, 3D rendering and animation, presentation, CAD modeling, manufacturing process, and project management. Skilled in multiple facets of model making and prototyping. Other skills included 3D Printing using FDM and SLA, CNC Mills, and Lathes.

Experience

Image Options: Model Maker/CNC Operator & Programmer

January 2019 – January 2021 (laid off due to Covid-19) San Jose, CA

- Produced parts by programming, setting up, and operation on the CNC 3 axis mill.
- Produced CAD files from hand sketched drawings.
- Assemble modular walls for exhibits, events and environment.
- Collaborated with builder using schematics from designers and engineers.

Hoversurf: Concept Designer (Contract)

November 2018 – January 2019 Watsonville, CA

- Work directly with the research and development technical team.
- Conveyed concept sketches and finished design into Solidworks.
- Delivered concepts within established limitations and parameters.

Advoque: Product Engineer

October 2016 – November 2018 Santa Clara, CA

- Responsible for engineering displays and fixtures.
- Transform 2D drawings to 3D CAD files using Solidworks and/or ArtiosCAD.
- Developed production methods and fabricate prototype models and packaging.
- Designed and produced jigs for easier assembly for the production.
- Created technical assembly packet and check its process with the production lead.
- Prepared and organized Bill of Materials for purchasing.

Prevailing Prototypes: Industrial Designer (freelance part-time)

July 2016 – October 2017 San Jose, CA

- Responsible for conceptualization and brainstorming with clients on Color, Materials, and Finishing and focus on the chromatic, tactile and decorative identity of product.
- Produced quick sketches, and detailed renderings for client presentations.
- Build prototypes and evaluate design effectiveness by analyzing qualitative and quantitative information.

Techshop: Dream Consultant (weekends)

July 2014 – October 2016 San Jose, CA

- One-on-one personal training, project consultation, and prototyping.
- Maintaining a safe workshop environment, assisting members on projects, consulting on prototyping methods, manufacturability, design process and issues.
- Machine maintenance on all equipment.

Zooka Creative: Industrial Designer

July 2014 – August 2015 Santa Clara, CA

- Responsible for conceptualization and brainstorming with senior industrial designer and graphic designers.
- Produced quick sketches, and detailed renderings for client presentations.
- Fabricate models/prototypes using hand tools, 3D printers, CNC, and laser cutters.

IDEO: Model Maker (contractor)

December 2014 – January 2015 Palo Alto, CA

- Traveled to locations and built scaled models. Hands-on fabricating using a variety power & hand tools.
- Worked closely with lead model makers under tight deadlines.
- Apply social and psychological principles to predict user response and conceive designs.

Exodesign: Industrial Designer

May 2012 – December 2012 Campbell, CA

- Responsible for conceptualization and brainstorming with industrial designers, engineers and clients.
- Produced quick sketches and freehand color renderings.
- Collaborate with lead industrial designers on CMF's (Color, Material and Finishing) and identify the human factors that influence user response.

Education

San José State University: Bachelor of Science in Industrial Design

(2010-2014) San Jose, CA

Recognition

Mercedes-Benz Commission
2016 Vintage Wooden Daimler Motorcycle

IDSAs/Freetech Student Thermoforming Competition 2014
1st Place (Trans-radial Prosthesis)

SPE Thermoforming Conference Student Parts Competition 2014
1st Place (Trans-radial Prosthesis)

SJSU Helen Dooley Scholarship Recipient 2012

Proficiencies

CAD Software

SolidWorks
ArtiosCAD

3D Visualization

KeyShot

2D Visualization

Illustrator CC
Photoshop CC
InDesign CC
Sketchbook Pro

CAM Software

Vetric CAM
AlphaCAM