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Pradyuman Kodavatiganti

Creator. Storyteller. Designer.

Education

DREXEL UNIVERSITY
Bachelors of Science in Product Design (2018)

Graduated Cum Laude

Cumulative GPA 3.51

Skills

ANALOG

proficient in using a bandsaw, laser cutter, vacuum former; proficient in Product Design process: research, sketch and ideation, prototyping, manufacturing; Screenprinting, Illustration

DIGITAL

Adobe Creative Cloud (Photoshop, Illustrator, InDesign, Premiere, AfterEffects, Bridge), Solid-works, Fusion360, Keyshot, Microsoft Office Suite (Word, Powerpoint, Excel), MatLAB

Awards and Honors

COLLAB COMPETITION
Philadelphia Museum of Art *(November 14-16, 2016)*
Per Plexos were featured at the Philadelphia Museum of Art as part of a group of 30 finalists for Collab's toy design competition

AJ DREXEL SCHOLARSHIP
Drexel University *(September 2013 - Current)*

IDSA STUDENT MERIT AWARD PRESENTER
Drexel University *(April 2018)*

Relevant Coursework

Advanced Rendering; Storytelling User Experience Design; Toy Design; Human Factors and Cognitive Engineering; Physics (Newtonian, Electricy, Magnetism); Multivariate Calculus, Differential Equations and Linear Algebra; Thermodynamics

Extra Curricular Activities

DREXEL UNIVERSITY ORCHESTRA
Bassist, Philadelphia PA *(September 2013 - Current)*

Design Experience

ARTICLE22
Design Intern, Brooklyn NY *(April 2017 - September 2017)*

In charge of creating and redesigning tech sheets for aluminum pieces manufactured in Laos

Head of photographing and photoshopping imagery for PR, E-Commerce and Wholesale needs, and all other public usage

Collaborated with Rebecca Rusch and her team to create limited-edition pieces and marketing material for Red Bull's Blood Road documentary

Set-up Article22's presence on Amazon.com by communicating with various Amazon employees to meet the needs of the brand

FINAL FRONTIER DESIGN
Design Intern, Brooklyn NY *(June 2017 - September 2017)*

In charge of attaching and removing biometric sensors to both test subjects and spacesuit during Don and Doff procedures

Developed an Excel document that allowed for rapid and easy analysis of raw data from spacesuit test

Created a comprehensive procedural checklist for a pre-spacesuit test of biometric sensors, donning and doffing biometric sensors, and analysis of data from biometric sensors.

CHILDREN'S HOSPITAL OF PHILADELPHIA
Research and Design Assistant, Philadelphia PA *(March 2015 - September 2015)*

Worked on 3D printing using an Objet Printer and Mimics Software for various medical applications, from improving PIC lines to creating 3D models of a Bronchial Tree.

Communicated with Surgeons and Anesthesiologists in optimizing trachea models and including variations in the model by adding TE Fistula's and/or a Pig Bronchus.

Performed segmentation of the major arteries and veins surrounding the trachea and bronchial tree in Mimics Software to help surgeons visualize operations that are performed in the area.

DEVIALET
UX Designer, Philadelphia PA *(September 2016 - December 2016)*

Worked in a team of 4 designers, we researched Devaialet's target market, and developed a 360 lifestyle video to help reimagine their branding for the US market

Leadership Experience

DREXEL UNIVERSITY
Residential Assistant, Philadelphia PA *(September 2014 - Current)*

Oversee a co-ed floor of 48 freshmen and maintain a strong living community by planning 10 academic, cultural and social events per term

On duty for over fifteen 12-hour shifts and five 24-hour shifts per quarter, charged with handling alcohol/drug incidents, medical emergencies and other residential conflicts in the residence hall

DREXEL UNIVERSITY HYPERLOOP
Designer, Philadelphia PA *(January 2016 - May 2016)*

Head of rendering Pod design for sponsorships, presentations, other public usage

Steering Committee voting member, PR specialist