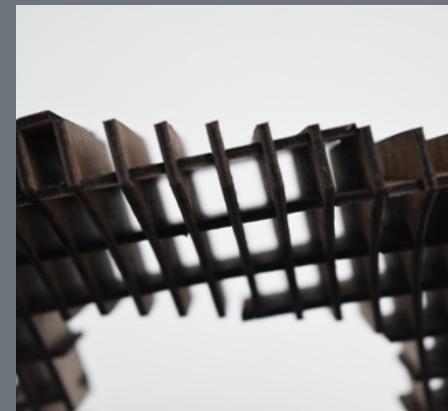
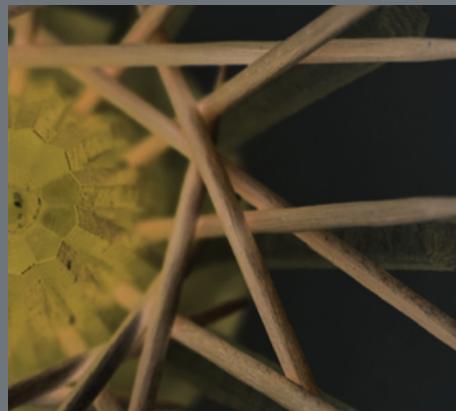


AVISHEK K SHRESTHA

2012 - 2016



MY MOM

She tells me not to be an artist. I'm an engineer, I assure her. She carefully observes my designs, engineering drawings, and pictures. This looks like art! She jokes.

MY DESIGN

It's nowhere close to perfect. Because mistakes are part of it. But, I want it to trigger questions, even doubts. How is this object floating in space? That structure isn't going to hold, is it?

The less obvious the answers, the better the outcome. The larger the doubts, the more engagement my design draws. Hopefully, for an enjoyable discovery of intricate thought, design, and engineering behind each piece.

MY EDUCATION

Formally, Williams College in MA and Dartmouth College in NH. My real education, however, comes from practicing minimalism. It's less about settling for less. And more about deriving the same from fewer things. All my works employ minimalist principles in one form or the other. From aesthetics to reducing material use to simplifying prototyping process.

LIGHT



LIGHT

A 3D printed LED lamp inspired by the structure of *Araucaria araucana* plant. In addition to serving aesthetic functions, the wooden sticks support an LED circuit inside the central dome. The design reduces printing time and allows easy installation of LEDs by leaving the bottom open.

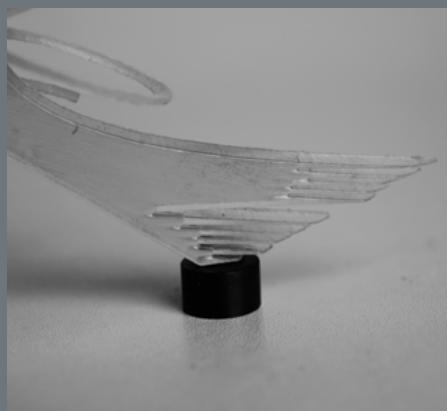


FLIGHT



FLIGHT

A drawing matured inside a sketchbook for a year. Finally took off to become a 3D model and eventually a sculpture. Made from laser cut acrylic and 3D printed material this piece is an exploration into the elegance of negative spaces.

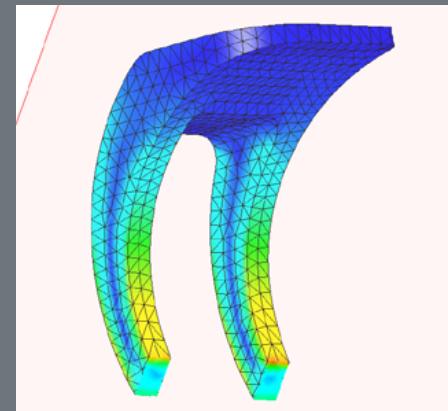
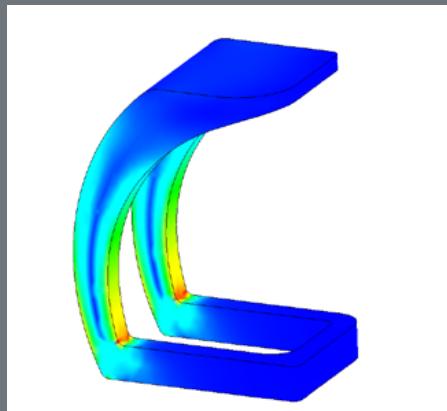


SPACE



SPACE

Can you create transparent spaces from opaque materials? How do you make a light-weight structure without compromising strength? Using grid structure of wooden panels and careful metal reinforcements in high-stress areas, this studio chair fulfills both constraints. The chair was exhibited at Dartmouth's Hopkins Center Rotunda.

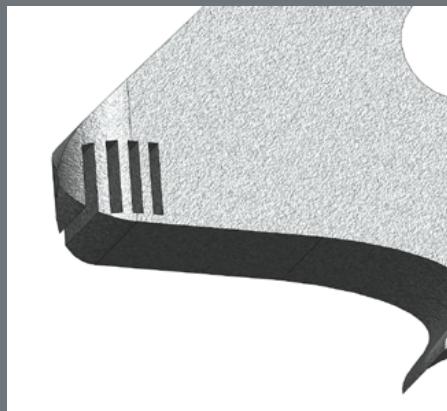


GRAVITY



GRAVITY

Three separate objects made from acrylic and 3D printed material compose a delicately balanced structure. The objects aren't glued or attached to each other. Thus, each contributes equally to the overall stability of the structure. Weight differentials of acrylic and 3D printed material also play an important role.

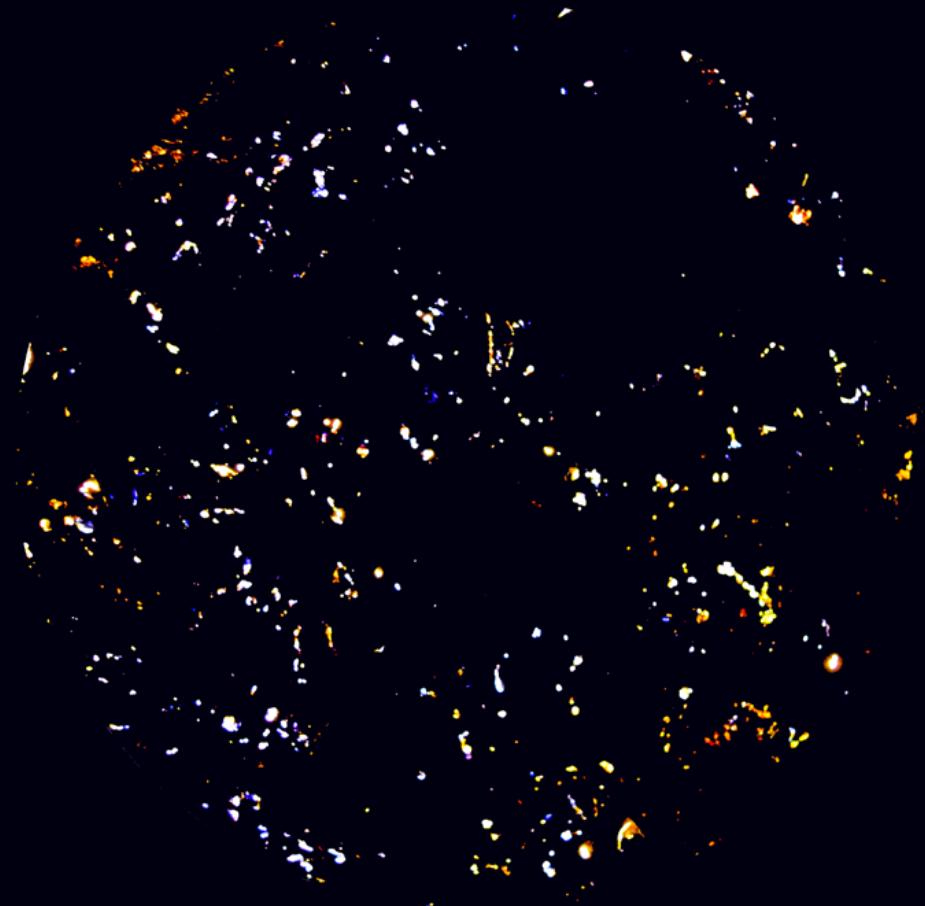


SKY



SKY

A dark room installation that takes you on a voyage to distant stars and galaxies. Suspended in space and hand-crafted, everyone who has viewed it has reacted with "what is this?" The question completes the piece and no answer is given.



PHOTO

Nepal and Egypt



AVISHEK K SHRESTHA

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EDUCATION

Williams College, MA	2015
BA • Liberal Arts • Astronomy	
Dartmouth College, NH	2013
Engineering • Studio Art	

SKILLS

3D Printing	
CNC Machining	
Laser Cutting	
Casting & Molding	
SolidWorks	
Photoshop	
InDesign	
PowerPoint	
CorelDraw	

LANGUAGE

Nepali	
English	
Hindi	

EXPERIENCE

Engineering Research on 3D Printed Metals*	Nov 2015 - Oct 2016
Dartmouth College, NH	
Machine Shop Technical Instructor	Sep 2015 - July 2016
Dartmouth College, NH	
Field Research in Annapurna Conservation Area*	Jun 2014 - Jan 2015
FIHP Travels, Nepal	

INTERESTS



Hiking



Stargazing



Piano



Football



Photo

2 Years Work Experience

2 *Forthcoming Publications

3 Satisfied Employers

1 Major Award