

francis santos-viola

education

dlsu - college of saint benilde
city of manila, philippines
bachelor's - industrial design



2006-2011

cosumnes river college
sacramento, california
art & design courses



2004-2005

international school manila
makati & taguig, philippines
k-12 education



1993-2003

inter-asia study center
makati city, philippines
high school diploma

skills & proficiency

microsoft office
word / excel / powerpoint
v. 97 / 00 / xp / 03 / 07 / 10

adobe creative suite
photoshop / illustrator
premiere / acrobat
v. 7.0 - cs4

art media
pencils / pastels / markers
since 2005

10-key and 88-key proficiency
55+ WPM

<http://svfranck.daportfolio.com>

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on-the-job training/internship



cebu furniture industries foundation
student internship program
cebu city & bacolod, philippines

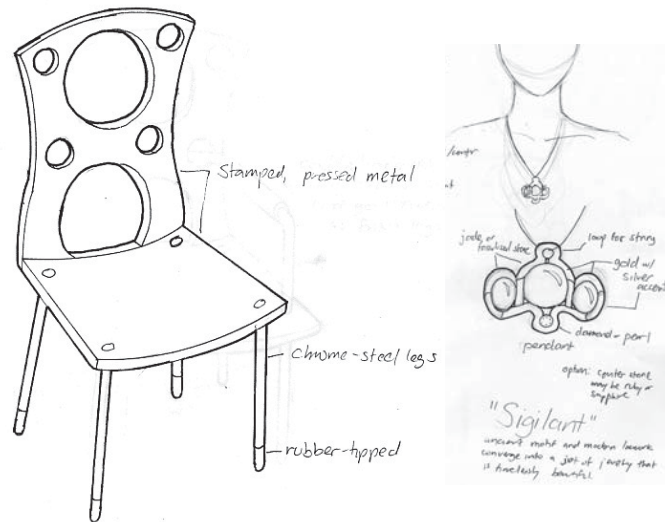
dec'10/mar'11



PRODUCT DEVELOPMENT AND
DESIGN CENTER OF THE PHILIPPINES

product development &
design center of the philippines
city of manila, philippines

mar'10/jun'10



information gateway
mobile graphics design internship
makati city, philippines

mar'08/jun'08



<http://svfranck.daportfolio.com>

801 pine street apt 19c
seattle wa 98101-1808



206 890 8392 (mobile)
nyfrank55@hotmail.com

notable works

piramidas drawer
cebuneXt 2011 furniture exhibition
student internship program

mar 2011



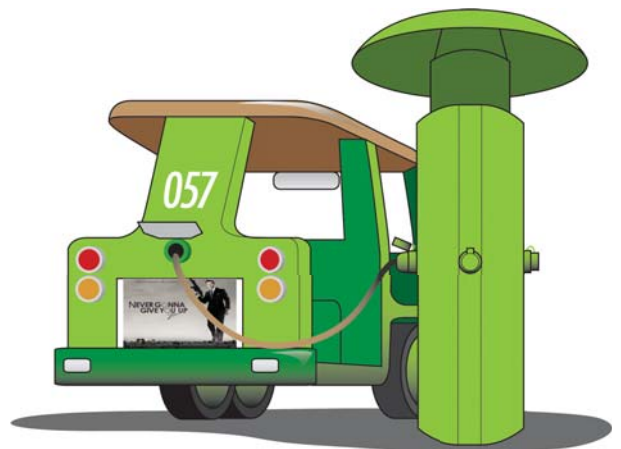
one tama advocacy postcard
visuals with vision 2010
finalist

sep 2010



lt-35 tricycle concept
3rd philippine international motor show
2nd place / c! magazine choice

aug 2010



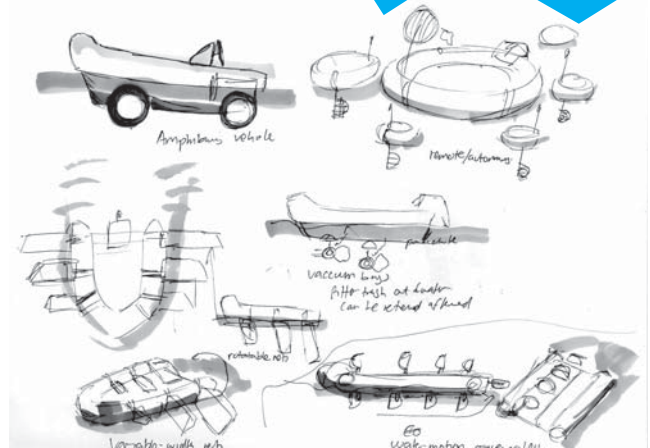
thesis work

Lazardo Maritime Systems LC-1 AMPHORA



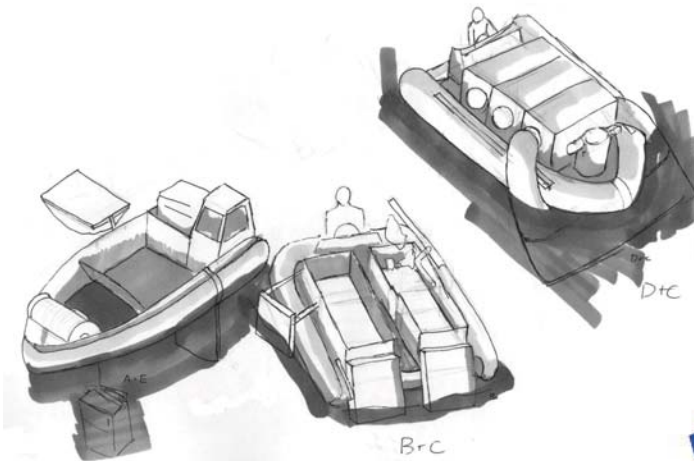
In 2009, Tropical Storm Ketsana poured more than 4 meters of rain on Manila, flooding large portions of the city. The receding flood waters left tons of debris scattered about Manila's roads, hampering recovery efforts and traffic for weeks after the storm left.

My inspiration for the thesis derived from my personal experience with Ketsana in having to wade through knee-high floods to get home from school, along with the realization that global warming will make such extreme weather more frequent.



For my thesis, I decided to devise a way to attack the debris problem head on. I came up with a rigid-hulled inflatable boat designed for rapid deployment and removal of debris.

Designed to be built indigenously, the LC-1 stands out from existing dredging and debris removal solutions in that it is designed for simple operation within the relatively narrow confines of Southeast Asia's urban environments.



The LC-1 features a front-mounted conveyor belt which dredges trash into a holding area with assistance from a heavy-duty crane mounted at the center.

The garbage can then be contained in nets that line the holding areas and then moved with the crane onto a barge or other vehicle for transfer to a disposal site.

