

# Alexander S Mattaway Designer

Portfolio [zandermatt.com](http://zandermatt.com)

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## Education

The Rhode Island School of Design graduated may 2015 bfa in industrial design  
providence, rhode island

*Sponsored Classes*

LEGO: Digital + Analog spring 2015

NASA: Designing for Extreme Environments fall 2014

The International Photography School SPEOS abroad immersion program winter 2014  
paris, france

Ransom Everglades Upper School graduated spring 2011  
miami, florida

vice president of robotics and engineering team 2010 & 2011

## Notable Work Experiences

Studio and Gallery Assistant for Benjamin Hollingsworth miami, fl march 2017 to june of 2019  
Assist in art work creation and maintaining studio spaces. Moved and installed work in gallery space.  
Help operate gallery and secure art sales. [benjaminhollingsworthmedia.com](http://benjaminhollingsworthmedia.com)

Art Handler and Installer at Cadogan Tate Fine Art doral, fl november 2016 through june 2017  
Moved, installed & packed, for shipping or storage; personal possessions, commercial assets, mainly  
valuable, even priceless, art & furnishings for individuals, companies, auction houses, galleries, collectors  
and interior designers over South Florida. Received, inventoried, categorized & organized valuables in  
company warehouse. [cadogantate.com](http://cadogantate.com)

Industrial Designer at Touzet Studio Design & Architecture miami, fl july 2015 through january 2016  
Collaborated with architects to design and model external 'skins' for projects. Designed and created  
3D CAD & physical models for custom interior design objects: lighting, furniture & accessories. Primarily  
used Solidworks, Rhino, AutoCAD & Revit to create scale models, renderings & 3D prints sourced, also  
sourcing local supply and makerspaces, found through research. [touzetstudio.com](http://touzetstudio.com)

Studio Assistant at Interactive Arts LLC wynwood miami, fl summer 2014  
Apprenticed and assisted Miami-based fine artists, Troy Abbott & Enrique De Molina. Worked on elect-  
ronics for Troy's art pieces (animated birds in birdcages). Helped produce and assemble art pieces for  
their collab-show in an international art fair in Hamptons, NY. [troyabbott.com](http://troyabbott.com) - [enriquegomezdemolina.com](http://enriquegomezdemolina.com)

Apprenticeship at Vintage Auto Technik miami, fl summer 2012  
Worked under expert automotive mechanic specializing in vintage auto restoration. Witnessed first hand,  
proper tool organization & shop prep/maintenance/management. Learned to work and manage large  
scale mechanical projects; deconstruct, analyze, problem solve & finally, reconstruct. Exploring a wide  
variety of brands/vintages, I can grasp, function & assembly of most auto/mechanical prodecures. from  
rebuilding an old car from scratch to replacing a modern part.

Intern at Bio-Medical Engineering Firm Syntheon LLC miami, fl summers of 2009, 2010, 2011 & 2013  
In tandem with heads of company, worked to design, develop & test new medical devices. Projects in-  
cluded designing and building: argon beam coagulators, ultrasonic blades, surgical scissors & staplers.  
Established product development skills as Lead Industrial Designer managing design and R & D of a  
handheld contrast dye injector for use in x-ray exams. [syntheon.com](http://syntheon.com)

## Extraordinary Experiences

Trek to Kala Patthar and Everest Basecamp october 2017  
Flew from Kathmandu to Lukla at just over 9k ft to begin our trek. A week of trekking later, almost 10k  
ft higher, we summited Kala Patthar Peak at over 18,550 ft. to keep our window, we climbed be down,  
in order to head back up to Mt. Everest base camp at 17,600 ft, another 4 days of decent and we were  
back in Lukla, praying to make it out before fowl weather at the most dangerous airport in the world.

Participant in Battlebots Reboot on ABC filmed/aired spring/summer 2015, 2016 & 2018  
Chosen to compete in Battlebots' 1st season outside of S.F. and 2nd/3rd seasons in L.A. (after the sh-  
w's 13-year hiatus) with our robot, *HyperShock*. Competitors design, build and operate RC armed &  
armored machines, to fight in modern 'gladiatorial' arena combat.  
[abc.go.com/shows/battlebots](http://abc.go.com/shows/battlebots) - [battlebots.com/robot/hypershock-2](http://battlebots.com/robot/hypershock-2) - [facebook.com/shenanigansnco](https://facebook.com/shenanigansnco)

1st and 2nd Place 120 lb. Battlebots IQ Worldwide Combat Robot Champions spring 2011  
Received Best Engineered Award for our robot design *Fluffy de Large*.

Participant in *Bots High* Documentary released 2010  
Critically acclaimed feature length film following the lives of three combat robot teams. [botshigh.com](http://botshigh.com)  
Won Best Documentary at Independents' Film Festival. [imdb.com/title/tt1787057](http://imdb.com/title/tt1787057)