



ZACHARY OLMSTED
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I am a multidisciplinary designer and I love to figure out how things work. I am interested in working with a team that is looking to push boundaries in product design and explore emerging technologies.

Education

Rochester Institute of Technology

Rochester, NY

BFA, Industrial Design, *May 2017*

Minoring in Philosophy

Cumulative GPA 3.6, Dean's List

Semester abroad at the Bauhaus, University of Anhalt

Dessau-Rosslau, Germany (Spring Semester 2016)

Projects

Senior Capstone (2016-2017)

Currently working with an interdisciplinary team to develop a portable low-cost fundus camera for diabetic screening.

RIT T-Minus 151 Hours: Modko Challenge (Spring 2016)

An Industrial Design major-wide project sponsored by Modko. Led a team of five individuals, with the goal of developing concepts for a new product line of pet accessories.

Junior ID Studio (Fall 2015)

Tasked with creating an electric screwdriver for the consumer market that entailed seamless integration of function, aesthetics, ergonomics, materials, and processing while designing around internal components.

Achievements

Rochester Startup Weekend (Fall 2015)

Team of five placed 3rd best in show by popular vote in an intense weekend long competition to build a web or mobile based application, sponsored by Brand Networks.

Imagine RIT Exhibitor (2015)

Participated in and led the organization of an exhibit about desktop 3D printing, which highlighted opportunities available to students on RIT's campus.

Skills



Analog

Concept Ideation
Model Making
Woodworking
Research
Critical Thinking
Graphic Tactics
3D Printer Operation



Digital

SolidWorks, Fusion 360,
Cinema 4D
Simplify 3D
Adobe Creative Suite
Sketchbook Pro
HTML + CSS
Mac and PC

Work Experience

Think Design LLC

Rochester, NY (February 2017 - present)

(January 2016 - March 2016)

Supported the team at Think Design on both client and in-house projects. Developed research and concepts for new projects, CAD prototypes, and conducted patent research. Assisted in the management of sourcing materials and manufacturers.

3D Hubs, Student Ambassador

Rochester, NY (*September 2015 - January 2017*)

Promoted and consulted about 3D printing on the RIT campus.

Zach's 3D Hub

Rochester, NY

Owner and operator (May 2015 - present)

Own and operate a small local business that provides 3D printing services, with a focus on a high level of customer service for custom 3D modeling and 3D printing.

Photonics Inc, Elmgrove Technologies

Rochester, NY (*February 2015 - April 2015*)

Printed Circuit Board Assembler

Assembled and soldered prototype circuit boards,

Extracurricular

Industrial Designers Society of America member (IDSA) (*joined in 2015*)

RIT MAGIC ACT eENABLE Volunteer (2015)

RIT Notetaker (Spring 2015)

Phi Kappa Tau Fraternity (2014)

-Scholarship Chair (2015)

Eagle Scout (2012)

Led project design and construction of a hardscape stairway connecting sports fields.