

CAMILLE RUCKER

<http://camillerucker.github.io>
(480)-297-8828 ◇ car285@cornell.edu

EDUCATION

- Cornell University** Ithaca, NY
BS Mech Eng with minors in Design and Environmental Analysis and Architecture 2019
· Meinig Family Cornell National Scholar
- Yestermorrow Build/Design School (gap year)** Waitsfield, NY
Certificate in Sustainable Building and Design, Certificate in Woodworking 2014-2015
· Designed and built independent projects including a desk, cabinets, and chairs. (see [portfolio](#))
· Studied architecture, sustainable building technologies, permaculture and urban planning.
- Phillips Exeter Academy** Exeter, NH
· AP Computer Science, AP Calculus BC, AP Chemistry, AP Spanish, AP Physics 2010-2014
· SAT scores: Math 800, Writing 770, Reading 730

SKILLS

Computer: Solidworks, Java, HTML, Arduino, Sketchup, CorelDraw
Design: Laser Cutting, 3D Printing, Prototyping, Model Making, Woodworking, Glassblowing, Welding, Landscape Design

EXPERIENCE

- Taktse International School** Sikkim, India
Primary Teacher for 1st grade and HS Robotics Team Founder Summer 2013
- Juggernaut Design** Phoenix, AZ
Design Intern Summer 2012
· Researched, designed, and prototyped products for clients.
- Arizona State University Robotics Lab** Phoenix, AZ
Robotics intern Summer 2012
· Conceptualized, built, and programmed an Arduino-controlled robot to interactively teach geometry to middle school students.
- Phoenix Desert Botanical Garden** Phoenix, AZ
Desert Landscaper Certification 2009-2010
· Completed a year-long intensive class covering botany, xeriscape design, soil chemistry, irrigation systems. Designed and implemented a landscape for a needy family.

HONORS

- College Board AP Scholar with Distinction 2014
Phillips Exeter Academy Art Department Award 2014
Scholastic Art Award Gold Keys for sculpture/fashion design and glassblowing 2013, 2014
NCWIT National Award Winner (National Center for Women & Information Technology) 2013

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

- Co-head Mechanical Engineering Club. Projects include a successful concrete canoe, wheelchair bike, motorized sled, bird houses.
- NOLS Wilderness First Aid
- Trekking: Month-long Philmont Boy Scout "Rayado" backpacking trek (>250 miles), Girl Scout Trek Leader for 10 day backpacking trip, hiked Inca Trail to Machu Picchu, Rim to Rim Grand Canyon hikes.
- Scuba: Certifications include Rescue Diver, Emergency First Responder, Advanced Underwater, Night Diver, and 7 more.