

Nick Burger

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www.nicolasburger.com

Education **Rhode Island School of Design** - BFA Industrial Design
September 2015 - June 2019

Experience **PayGo Energy** - Industrial/Mechanical Designer | June 2020 - Present
Working on creating a clean cooking option for low income individuals in mainland Africa and Asia who are currently using dirty fuels. Designing a device which will be used to monitor gas levels in homes in Indonesia and India. Designing packaging, graphics and doing concept development for internal projects.

David Stark Design and Production - Production Assistant | November 2019 - April 2020
Worked as a Production Assistant designing, building and disassembling popup sets for a variety of professional events.

NASA - Industrial Design Intern | June - September 2018
Designed a new Lunar rover cockpit and rover steering mechanism based on the use of Xbox controllers; Designed the cockpit interior to accommodate the 1 percentile male to 99 percentile female body; Used a combination of Rhino and Unreal Engine for digital VR evaluation; Collaborated with NASA astronauts and engineering experts.

Manta Product Development - Industrial Design Intern | June - September 2017
Built and tested ergonomic prototypes for a safer IV dispensing system in hospitals; Worked alongside other designers to create foamcore mockups and 3D printed working models; Collaborated with medical professionals to create effective designs.

Solidworks Teaching Assistant | February 2018 - June 2019
Taught RISD students how to use Solidworks and create CAD models.

Woodshop / Metalshop Technician | September 2017 - June 2019
Supervised RISD students whilst they worked on projects, providing help when needed; Performed regular checkups and maintenance on the shop machinery.

Skills **Design** - prototyping, ideating, sketching, user/market research, communication, VR design, lazer cutter, 3D printing, soft goods, vinal cutter, presentations

Digital/CAD - Rhino, Solidworks, Keyshot, Fusion 360, Unreal Engine, Blender, Illustrator, Photoshop, InDesign, Lightroom, Microsoft office

Fabrication - woodworking, metalworking, power tools, CNC, hand milling, table saw, wood lathe, metal lathe, welding, casting/moldmaking, sewing