



PATRICK MCNEEL

Industrial Designer

Education

Bachelor of Science: Industrial Design with a Concentration in Product Design

Appalachian State University - Boone, NC
Current GPA - 3.78

08-2016
to
Present

Software

Rhino 6
Grasshopper
SolidWorks
Keyshot
Adobe Photoshop
Adobe InDesign
Adobe Illustrator
Cura

Technical Skills

Ideation
Research
Sketching
Fabrication
Digital Rendering
Marker Rendering
Rapid Prototyping
Human Factors
CNC
Soldering
3D Printing
Model Making

Experience

Industrial Designer - Independent Contractor

The Children's Playhouse, Boone, NC

- Managed STEM kit production from ideation to sales
- Prototyped products to create cost analysis breakdowns to maintain budgets
- Wrote succinct instructions and illustrated diagrams for the manual to build each kit

05-2020
to
08-2020

Private CADD Tutor

Self Employed, Boone, NC

- Developed student's skills and confidence with tailored teaching strategies
- Collaborated with parents to design sessions that fits the student's learning preference
- Orchestrated monthly meetings with parents and student sponsor to discuss questions

01-2019
to
04-2019

Environmental Technician & Analyst

Arrow Environmental Consulting, Easton, PA

- Setup, calibrated, and maintained instrumentation in a laboratory
- Communicated with on-site operators, coworkers, and state moderators
- Executed specific recovery methods, proving accurate and repeatable performance

11-2016
to
Present

Achievements

Richard Technology Scholarship
2020 Wanted Design Competition
President of Appalachian State IDSA
IDSA Member
Chancellors List (3.85 GPA)

2020
2020
11-2019 to 1-2021
07-2019 to Present
07-2017 to Present

Certifications

Mechanical Design Associates Certification - SolidWorks

12-2019