



## CAREER PROFILE

Detail-oriented Design Engineer with four years' combined experience in a manufacturing environment and one year in research and development. Pursuing a Masters in Mechanical Engineering with a focus in Design & Manufacturing. Seeking to leverage 2D CAD, 3D modeling, and rapid prototyping skills. **Areas of expertise include:**



## SKILLS PROFILE

### Software

- Fusion360
- AutoCAD
- Siemens NX 10
- Simplify3D

### Equipment

- 3D Printers
- XYZ CNC Router
- ULS Laser Cutter/Engraver
- Metal Fabrication Equipment
- DENSO 6-Axis Robots

### Languages

- MATLAB
- Python
- PAC Code
- C/C++ (Arduino Based)



## EXPERIENCE

### Automated Logic | R&D – Firmware QA Engineer

OCTOBER 2018 – PRESENT

- Primary testing resource on a team of software/firmware engineers.
- Collaborate closely with teams (developers, architects, team leads, and project managers) in order to effectively test projects/issues.
- Network and hardware setup to test (smoke, functional, and regression) features and components produced by Scrum development team.

### Freelance | CAD Engineer

AUGUST 2017 – PRESENT

- Develop working drawings/models from sketches or descriptions developed by clients using 3D and 2D CAD tools.
- Establish design specifications and parameters for CAD models.
- Determine manufacturing process that meet targets for feasibility, performance, costs, quality, and timing.

### PrintForm | Prototype Project Engineer/Account Manager

FEBRUARY 2018 – FEBRUARY 2019

- Reduced quoting cost/lead time by translating 2D drawings to 3D CAD models in-house.
- Directed manufacturing of models and samples through the global supply chain.

### Paramont Manufacturing LLC | Project Manager/Design Engineer

AUGUST 2017 – FEBRUARY 2018

- Reduced fabrication costs through prototyping with additive manufacturing.
- Managed 100+ production molds, 12+ customer CAD models/specifications in PLM database.

### Eastman Chemical Company | Control Systems Support Intern

JANUARY 2017 – AUGUST 2017

### NN Inc. | Engineering Co-Op

AUGUST 2015 – DECEMBER 2016



## EDUCATION

### Master of Engineering – Mechanical Engineering: Design & MFG. | Old Dominion University

SUMMER 2018 – SPRING 2021

### Bachelor of Science – MFG. Engineering Technology | East Tennessee State University

FALL 2012 – FALL 2016

- ABET Accredited