

[REDACTED]
[REDACTED], Syracuse, NY 13210 – Email: [REDACTED]@gmail.com – Phone: [REDACTED]-825-[REDACTED]
LinkedIn: [REDACTED]

Professional Summary:

Mechanical Engineer with experience in SolidWorks CAD, prototyping and testing seeking a Junior Mechanical Engineer role in the Syracuse, NY area.

Skills Summary:

- SolidWorks CAD: Certified SolidWorks user with over 2 years of experience in 3D modeling and developing product drawings.
- Testing and Design Evaluation: Directed prototype fabrication and testing. Advised design modification based on test results.
- Project Management: Led race car product development, scheduling, budgeting, and equipment procurement on Formula Hybrid team. Wrote technical reports on subsystem development.

Education/Certifications:

SolidWorks Mechanical Design Associate certification (CSWA) Jun 2016
[REDACTED]
B.S. Mechanical Engineering- Mechatronics concentration May 2016

Experience:

[REDACTED]: Syracuse, NY Feb 2017 – Oct 2017
Prototyping Engineer

- Directed prototyping of Carrier products under tight time constraints and small budgets.
- Performed prototype testing and design validation.
- Advised design modifications based on testing results.
- Provided prototyping and testing for various product development projects.

[REDACTED]: Campbell Hall, NY Aug 2016 – Dec 2016
Engineering Technician

- Quality-control field testing technician on asphalt paving projects.
- 95% success rate on guiding projects to meet DOT requirements.
- On-the-fly process improvements based on testing results.

[REDACTED] Troy, NY Sep 2014 – May 2016
Race Car Subsystem Leader

- Designed and built a hybrid race car.
- Led subsystem development, scheduling, budgeting and equipment procurement.
- Engineered brake/throttle functionality for electric motor on car.
- Wrote subsystem design reports.

[REDACTED]: Troy, NY Jun 2015 – Aug 2015
3D-printing Intern

- Verified use of UV-curing silicones for 3D printing.
- Determined optimal 3D printer settings for printing with UV-curing silicones.
- Developed automated plastic hardening solution for 3D printer functionality.
- Debugged equipment failures.