

Daniel Egnatoff

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Objective:

I am seeking an internship or co-op in mechanical engineering or a related field to learn to apply the skills covered in classes, as well as to transition from academia to a professional career.

Prior Employment:

- **The Clay Center for the Arts and Sciences**

Discovery Leader | Charleston, WV | June 2016 – Present

- Delivered advanced content with a focus on matching the knowledge level of the audience
- Assessed damaged equipment and prioritized repairs based on multiple variables

- **Marshall University College of Information Technology and Engineering**

Mechanical Engineering Lab Assistant | Huntington, WV | Jan. 2018 – June 2018

- Monitored equipment for malfunction and improper use during lab sessions
- Documented, in detail, ongoing problems with devices in the lab for later review

Additive Manufacturing Laboratory Technician | Huntington, WV | August 2018 – Present

- Constructed a 3D printer from parts and limited instructions
 - Improved the capabilities of this printer with a second extruder and other upgrades
 - Established procedures for use and maintenance of machinery in the printer lab
 - Tuned software and hardware on a printer to reduce error to <10% of rated accuracy
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Experience and Activities:

- Treasurer, Marshall University ASME/SAE Chapter (ASME Member #101777692)
 - Project Manager of SAE Baja 2017-2018 Team
 - Capstone Team Leader
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Education:

Marshall University | Huntington, WV

- B.S. in Mechanical Engineering – Dec. 2018 (Expected)
- B.A. in History – Dec. 2018 (Expected)

Skills and Qualifications:

- 3D design experience with Autodesk and ANSYS software
 - Physical fabrication with multiple types of 3D printer, as well as carpentry and basic machine shop tools
 - Project management experience from Capstone, SAE Baja, and ASME leadership roles
 - Low- and high-voltage wiring and soldering experience, including components on silicon boards
 - C, C++, Python, and some Java programming knowledge, as well as familiarity with PLC ladder logic
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References:

Available upon request