
Employment

Manufacturing Demonstration Facility (MDF) (Writing): May to August 2018

Technical Writer- Focusing on publications to Solid Freeform Fabrication Conference and publications for the facility.

-Co-Authored two papers: Using Big Area Additive Manufacturing to Directly Manufacture a Boat Hull Mold for SFF and Design Guidelines for Big Area Additive Manufacturing for Elsevier

Institute for Advanced Composites Manufacturing Innovation (IACMI): February to December 2017

Technical Communications- 11-week summer internship with emphasis on marketing, communications, engineering, and project management.

Wright Industries (Nashville TN): Summer of 2016

Mechanical Design Intern

3D Design Studio, Virginia Tech: February 2016 to Present

Printer Technician / Customer Service

Oak Ridge National Laboratory (ORNL) (Engineering) Break 2013 to 2017

Led a design group of four people at ORNL for 3D-printed hand prosthetics

Led tours for the facility mostly to students and community organizations

Assisted with additive manufacturing research, coding, and maintenance

Education

Virginia Polytechnic Institute & State University, Blacksburg, VA

B.A. Technical and Professional Writing (expected 2018)

B.A. Philosophy (Premed Focus) (expected 2018)

Honors

Dean's List Spring 2017

Presenter for the first Maker Faire at the White House, Washington D.C. - 2014

ASME FIRST Robotics Scholarship - 2014

STEM Science Student of HVA and 3rd in class of 411 - 2014

Skills

Microsoft Office Suite

Social Media Management

CAD Programs

Additive Manufacturing (3D printing)

Coding (HTML, CSS, C++, Mathematica)

Copyediting

Basic Marketing Tools

Government Grade Shop Training

Electronics and Hardware

Word Press

Volunteering / Activities

- The MUSE of Knoxville: Presented to students at an additive manufacturing camp -Summer 2017
- Virginia Tech: Galileo Engineering Living and Learning Community - Fall 2014 to Spring 2015
- FIRST Robotics Outreach- Ambassador(once), mentor, and volunteer

Interesting Anecdote

Originally, I was in materials science and engineering at Virginia Tech for two and a half years and through my internships, I found my passion for technical writing.