

# Richard Capuy, MSPO

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## EXPERIENCES

### Edge Homecare Prosthetics & Orthotics

#### Senior Medical Device Technician - Edison, NJ

November 2016 - Present

- Led a team of technicians in the technical process by providing guidance and demonstrating best practices in fabrication and design.
- Verified structural integrity, function, alignment and cosmetic appearances of devices through diagnostic fittings and team evaluations.
- Assisted certified practitioners during complex casting methods and daily product deliveries.
- Communicated with doctors, therapists, nurses, patient caregivers and sales representatives to follow up with plans of treatment.
- Increased company revenue by finding methods to reduce cost while maintaining product efficacy.
- Participated in meetings to market the company and the P&O field.

### Medical Device Technician

March 2013 - November 2016

- Designed and fabricated custom-made medical devices.
- Ensured inventory was maintained by updating the log and ordering supplies and materials when necessary.

### Jersey Central Physical Therapy & Fitness

#### Rehab Therapy Aide - Edison, NJ

August 2011 - May 2013

- Maintained patient safety and productivity in a fast paced, clinical environment.
- Aided physical therapists by preparing and cleaning up rehabilitation equipment, exercise machines, cold packs, hot packs and EMS machines.

## EDUCATION

### Rutgers University, New Brunswick, NJ

#### Full Stack Developer

February 2020 - August 2020 (Ant.)

### Northwestern University, Chicago, IL

#### MS Prosthetics & Orthotics

2014 - 2016

### Kean University, Union, NJ

#### BA Biology

2009 - 2013

## TECHNICAL SKILLS

### Software

Microsoft Office (Word, Excel, Powerpoint, Outlook), Statistical Analysis, Coding (HTML5, Cascading Style Sheets CSS, Javascript, Web APIs, Bootstrap, Responsive Design, Git, Github) Design (Prototyping, Wireframing, Interactive Design, Color Theory, Sketch, Adobe Suite)

### Medical Device

Troubleshooting, Handling Medical Grade Materials and Equipment, Material Design, Biomechanics

### Engineering/Machinery

Drill Press, Band Saw, Routers, Grinders, Infrared Ovens, Air Compressors, Power Tools, Hand Tools, Molding, Thermoforming, Hydraulics, Pneumatics, Pumps

### Healthcare

Patient Care, Casting, Splinting, Therapeutic Exercises, Anatomy & Physiology, Documentation

## SOFT SKILLS

### Creative Problem-Solving

Written and Verbal Communication

Critical Thinking

Detail Oriented

Organization

Research

## CERTIFICATIONS

User Interface Design - DesignLab, September 2019

## AWARDS/HONORS

Cum Laude - Kean University, January 2013