RICKY RODRIGUEZ

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EDUCATION

NEW JERSEY INSTITUTE OF TECHNOLOGY

Master of Science in Software Engineering   January 2020 – Present

- Relevant Coursework: Software Testing and Quality Assurance, Software Architecture, Project Management

Bachelor of Science in Mechanical Engineering Technology   December 2016

Minor in Manufacturing Engineering Technology

GPA: 3.3   Honors: Dean's List

TECHNICAL SKILLS

HTML/CSS, JavaScript, Java, Python, Illustrator/Photoshop, SolidWorks, Primavera P6, Blender

PROFESSIONAL EXPERIENCE

INTEGRATED CONSTRUCTION ENTERPRISES   Belleville, NJ

Robotics Engineer   April 2017 – Present

- Work with a small team on fast paced R&D projects where we design robotic systems, run simulations, and assist in other robotics related operations
- Create parts in drafting programs such as SolidWorks/Creo that are 3D printed
- Facilitated in procuring a patent by creating the CAD drawings
- Routinely utilize CAD, mechanical design, mechanical implementation, electronic principles, prototyping skills, hands-on building, machining, wiring, and soldering

Assistant Project Manager

- Develop and maintain schedules and coordinate estimates for multimillion dollar projects
- Oversee and manage subcontractors and construction workers
- Visit project sites to evaluate progress and diligently address client concerns
- Successfully coordinate multiple projects simultaneously while performing tasks as-needed by management

SICAM   Hillsborough, NJ

Engineer   February 2017 – April 2017

- Aided in structuring a new department where we transitioned from SLA to FFF printers
- Took 3D scans and used CAD to create products that satisfy customer specifications