

Dwayne Washington E.I.T.

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Results-oriented mechanical engineer with focus on robotic solutions to environmental and human problems.
Experience collaborating with diverse teams to bring projects to completion under tight deadlines.

Education

Master of Science in Mechanical Engineering

University of Washington, Seattle, WA
September 2017 – June 2019

- Worked with international team to develop robot for University of Washington robotics department
- Thesis topic: Wireless communication and robotic waste collection

Bachelor of Science in Engineering, Mechatronics Concentration

University of Washington, Seattle, WA
September 2013 – June 2017

Courses Completed:

- Embedded Computing in Mechanical Systems
- Mechatronics Design Preparation
- Applications of Dynamics in Engineering

Professional Experience

Junior Engineer

Omega Industries, Atlanta, GA | July 2019 – Present

- Review and analyze mechanical drawings and specifications, perform inspections and calculate fabrication costs
- Collaborate with colleagues on the improvement of equipment and the production process
- Research and evaluate new materials and write regular reports for senior engineers and project managers

Engineering Intern

Burgess Automation, Seattle, WA | June 2017 – September 2017

- Assisted senior engineers with tasks assigned and conducted detailed weekly reports
- Conducted equipment qualification and testing
- Used AutoCAD to assist with design of products from conception to manufacturing

Key Skills & Proficiencies

- Communication skills
- Complex problem solving
- Critical and creative thinking
- Product validation
- Proficient with computer-aided design software, including AutoCAD
- Quick learner
- Teamwork
- Write technical reports

Certifications

- Licensed Engineer in Training, Mechanical Engineering, Georgia, 2018