

RICHARD RAITHEL

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508.463.7424 | rraithel@gmail.com

EXPERIENCE

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| 5/18 - present | Application & Test Design Engineer, Nye Lubricants, Fairhaven, MA <ul style="list-style-type: none">• Design, develop & deploy various application test machines• Design fixturing & software to test customer supplied parts• Utilize SolidWorks, LabVIEW & Python software platforms• Initiated & implemented in-house 3D printing capabilities• Introduced inexpensive embedded system prototyping platforms |
| 5/17 – 5/18 | Mechanical Engineering Intern, Nye Lubricants, Fairhaven, MA <ul style="list-style-type: none">• Performed multiple ASTM tests for various proprietary lubricants• Designed & constructed light switch contact testing machine• Designed & constructed modular multi-specimen fretting machine |

EDUCATION

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| 1/19 - present | Master of Science, University of Massachusetts Dartmouth, Dartmouth, MA <ul style="list-style-type: none">• Pursuing degree in Data Science• Interest in machine learning and artificial intelligence |
| 9/15 – 5/18 | Bachelor of Science, University of Massachusetts Dartmouth, Dartmouth, MA <ul style="list-style-type: none">• Mechanical Engineering degree awarded• First place senior design project |
| 9/12 – 5/15 | Associate of Science, Bristol Community College, Fall River, MA <ul style="list-style-type: none">• Mechanical Engineering Transfer degree awarded• Graduated with honors |

TECHNICAL SKILLS

- Knowledge of LabVIEW, Python and Matlab programming languages
- In-depth knowledge of SolidWorks principles, practices and procedures
- Understanding of basic electricity, electronics and mechanical principles
- Strong PC/IT skills