

Michael Choiniere

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| Objective | To supplement application for the 2016 Iberdrola USA Foundation Scholarship. | |
| Education | UNIVERSITY OF MAINE Orono, ME <i>B.S. Mechanical Engineering</i> 3.56 GPA | Anticipated Spring 2016 |
| Honors | Pi Tau Sigma (Mechanical Engineering Honor Society) | |
| Experience | UNIVERSITY OF MAINE – Advanced Structures and Composites Center Orono, ME <i>Student Research Assistant IV</i> | December 2015 – Present |
| | <ul style="list-style-type: none">Assisted with instrumentation setup and data acquisition for testing wave energy converters in a wave basin. | |
| | UNIVERSITY OF MAINE – Mechanical Engineering Orono, ME <i>Student Instructor's Aide IV</i> | July 2015 – Present |
| | <ul style="list-style-type: none">Created Matlab GUI to simulate responses of one and two degree-of-freedom spring-mass-damper systems for students to use in an undergraduate vibrations course.Transcribed professor's notes into textbook format to publish as a course manual. | |
| | UNIVERSITY OF MAINE - Facilities Management Orono, ME <i>Environmental Compliance Engineering Assistant</i> <i>Environmental Compliance Field Assistant III</i> | September 2014 – Present Summer 2014 |
| | <ul style="list-style-type: none">Managed inspections, data entry, and inventory of catch basins, outfalls, and other structures specific to MS4 permit compliance for stormwater structures on the University of Maine campus.Created a five-year catch basin maintenance plan that increased efficiency of cleaning schedule which maximized use of subcontractor fees by eliminating redundancies and supervised catch basin cleanings. | |
| | UNIVERSITY OF MAINE - Brunswick Engineering Brunswick, ME <i>Work Study Instructor's Aide</i> | September 2013 – May 2014 |
| | <ul style="list-style-type: none">Assisted instructors with various assignmentsSetup/breakdown of lab equipment and proctor underclassmen lab as needed | |
| | <i>Work Study Lab Assistant</i> | September 2012 – May 2013 |
| | <ul style="list-style-type: none">Setup/breakdown of physics labs and associated equipmentPerformed basic administrative work using Microsoft Office | |
| | ENPRO SERVICES, INC Portland, ME <i>Foreman/Class B CDL Driver/ Equipment Operator</i> | March 2010 – May 2014 |
| | <ul style="list-style-type: none">Led onsite activities for the remediation of oil and hazardous material contaminated areas, including large soil excavations, tank cleanings, and emergency response situations.Maintained site-compliance standards to satisfy state and federal EPA, DEP, DOT, RCRA hazardous material regulations.Safely operated heavy equipment and trucks. | |
| Certifications | OSHA 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Class B Commercial Driver's License – Hazmat and Tanker endorsements (X) Confined Space Rescue certification | |
| Technical Skills | MATLAB, Mathcad, Creo 2.0, SolidWorks AutoCAD, Microsoft Office: Excel, Word, PowerPoint | |