Montanamarks.eng@gmail.com **MONTANA W. MARKS** **(702) 469-6074**

EDUCATION

Montana State University **Aug. 2014 – May 2018**
Bachelor of Science in Mechanical Engineering

Dickinson State University **Jan. 2013 – May 2014**
University Studies

SKILLS

Finite Element Analysis: ANSYS APDL & Workbench.

Computational Fluid Dynamics: STAR-CCM+ & ANSYS Workbench.

Numerical Computation: MATLAB & Mathcad.

Drafting and Design: Solid Works & AutoCAD.

Microsoft Office: Excel, Word, and PowerPoint.

Digital Audio Workstation: Ableton Live 9, Native Instruments, Isotope, and Sylenth.

Repair and Maintenance: Experienced with automobile, bicycle, and radio controlled vehicle repair and maintenance.

Electronics: Repair and maintenance of electronic devices and audio systems.

RELEVANT EXPERIENCE

Naval Seas Systems Command Flow Generation Capstone **Aug. 2017 – May 2018**
- Tasked with designing a fluid flow generation apparatus for UUV/AUV testing tank.
- Performed fluid dynamics computations and simulations for potential designs.
- Worked in close contact with NAVSEA engineers to ensure design requirements were met.
- Drafted, revised, and corrected design plans.

KLJ Engineering **Jun. 2015 – Aug. 2015**
Resident Project Representative Intern
- Inspected the construction of water main installation.
- Assured contract compliance of the project contractor and coordinating with project engineer.
- Managed summary of quantities and progress estimate spread sheet.
- Revised, corrected, and drafted record drawing plans.
- Performed hydrostatic pressure testing.

Big O Tires
Automotive Technician **Aug. 2011 – Jan. 2012**
- Conducted automotive repair and maintenance procedures, such as tire and wheel replacement and repair, oil and fluid changes, and engine part replacements.
- Performed vehicle maintenance inspections.
- Maintained clean and safe working environment.

ADDITIONAL PROFESSIONAL EXPERIENCE

Montana State University Graduate School **Aug. 2016 – May 2018**
Office Assistant

The Wurst Shop **Apr. 2012 – Aug. 2015**
Production Assistant