

Dynamic and Motivated Mechanical Engineer

ADDITIVE / SUBSTRUCTIVE MANUFACTURING | MECHANICAL ENGINEERING | NATURAL LEADERSHIP

Motivated and accomplished Mechanical Engineer with years of extensive experience in comprehensive problem solving, research gathering, and complex engineering. Accomplished leader with effective collaboration skills, team building capabilities and leadership in diverse and multifaceted operations. Proven and demonstrated knowledge of high-profile processes and policies to streamline operations. Focused high performer driving effective communications to drive fluid and streamlined operations. Proud veteran of the United States Marine Corps.

CORE COMPETENCIES

Communications | Relationship Building | Team Leadership | Interpersonal Skills | Policies and Procedures | Data Analysis | Business Processes | Mechanical Engineering | Research | Process Improvement | 3D Designing and Printing | Problem Resolution

CAREER PROGRESSION

LIBERTY ELECTRIC

2019 - 2020

Project Engineer – Bellevue, WA

- Oversaw high profile review of project plans and proposals in collaboration with senior leadership to cement project objectives.
- Effectively delegated workload to a talented team of contractors keeping communication fluid and relevant.
- Collaborated with project management to drive purchasing, procurement, and submittals to better increase productivity.
- Oversaw management of fieldwork operations including logistics, planning, and organizational effectiveness for a team of electricians and operators.

UNIVERSITY of WASHINGTON BOTHELL

2015 - 2019

Research Lead – Bothell, WA

- Successfully delivered comprehensive support for research processes and procedures including designing and strengthening of 3D printed prosthetics.
- Ensured proper tensile and bending tests were conducted on various 3D printed mediums to cement the attainment of minimum strength and ductility mechanical property requirements based on ASTM standards.
- Worked directly with a high performing team to design functional prosthetic along with an augmented reality application to teach clients the proper use of the new prosthetic.
- Created a partial prosthetic for a 9-year old girl resulting in an invitation to the University of Washington Bothell's counselor's reception to display the work.

UNITED STATES MARINE CORPS

2008 - 2012

Training NCO – Camp Pendleton, CA

- Oversaw comprehensive training sessions for 400+ Marines consistently meeting and exceeding goals and objectives.
- Cemented a strong and defined budget including the ensured readiness of all Marines attending training.
- Effectively completed all required schooling and staying within the mandated budget, effectively achieving a “deployable” status.
- Worked with 27+ Marines to successfully meet and exceed promotion requirements.

Additional Experience

UNITED STATES MARINE CORPS | Rifleman | Camp Pendleton, CA

UNITED STATES MARINE CORPS | Presidential Support | Washington DC

EDUCATION

BACHELOR OF SCIENCE | Mechanical Engineering | University of Washington Bothell

ASSOCIATE of ARTS and SCIENCE | Whatcom Community College

MILITARY AWARDS | Certificate of Accommodation | Good Conduct Medal | Top Secret Security Clearance | Corporals Course Completion

TECHNICAL PROFILE | Java | SolidWorks | Autodesk Fusion 360 | Microsoft Office Suite