



CONTACT INFORMATION

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PROFILE

Experienced Research Laboratory Technician pursuing a challenging career in biomedical engineering to improve the functionality of people's daily lives. Accomplished in image processing and device applications with hopes of progressing in a similar field. Passionate, meticulous, and resourceful team player dedicated to solving any challenge.

Motivated | Achieved engineering degree in 3 years while working

Results Oriented | Efficiently conduct experiments and analyze scientific data

Disciplined | Military and Scouting programs instilled strong work ethic

Perseverant | Conquered college and work after brother passed away

PERSONAL

Professional Organizations

Bio-Medical Engineering Society
Nash's Furever Haus Non-Profit (VP)

Interests and Hobbies

Snowmobiling
Whitewater Kayaking
Scuba Diving
Orchestra | Violin
ROTC | Cadet Programs

OSTIN ARTERS

BIOMEDICAL ENGINEER

EDUCATION

University of Idaho

Bachelor of Science | Biological Engineering (December 2019), GPA 3.41

RESEARCH EXPERIENCE

Research Scientist | Principal Investigator: Dr. Martin | **Jan – July 2019**
Neurophysiological Imaging and Modeling Laboratory (NIML)

Project Titles

Testing Migration of Pharmaceuticals in Human CSF Model
Applied Eulerian Video Magnification (EVM) to Amplified MRI

WORK EXPERIENCE

Research Laboratory Technician | University of Idaho – Moscow, ID
Conduct experiments; maintain/improve equipment | **Aug 2019 – Current**

Health Care Aid | Regency Assisted Living – Pullman, WA
Nurtured residents with Alzheimer's and dementia | **Jan 2018 – Sep 2019**

Life Enrichment Assistant | Regency Assisted Living – Pullman, WA
Facilitated activities and transported residents | **Jan 2018 – Jan 2019**

Kitchen Manager | Rants & Raves Brewery – Moscow, ID
Prepared and cooked food, trained new employees | **Jan 2016 – Jan 2018**

UNDERGRADUATE PROJECTS

Low Cost EEG | Super Big Brain Electroencephalogram (SBB EEG)

Pulmonary Function Test | Respiratory Diagnostic Device

Pediatric Prosthetic | 3D-designed forearm prosthetic for Ti attachment

Hand Rehabilitation Phantom | Virtual design of hand therapy device

VOLUNTEER AND SHADOWING EXPERIENCE

Career Shadowing | Observed activity of a Physical Therapist for 40 hours

Nash's Furever Haus | Feed, clean, and rescue senior animals

Salvation Army | Collected holiday donations to help the less fortunate

Creatures of the Night | Educated children about exotic reptiles

SKILLS

Engineering Software | Dimensional design, image processing, programming

Computer Aided Design | AutoCAD, SolidWorks, Fusion 360, Eagle CAD

Coding | MATLAB, Python, CME, Indexer, Arduino

Microsoft | Word, Excel, PowerPoint, Outlook, Teams, OneNote

REFERENCES UPON REQUEST