

# Andrew McLean

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## SOFTWARE ENGINEER

Full-stack software engineer interested in developing creative and user-friendly software products. I have diverse experience that covers: team leadership, operations management, and sales. Through effective communication and organization, I have successfully led multiple teams ranging from 4 to 30 soldiers, through complex military training exercises. In surgical operating rooms, I provided technical assistance to surgeons with the size and function of different spine orthopedic implant systems for various procedure types and approaches.

## TECHNICAL SKILLS

JavaScript, React, CSS, Ruby, Rails, git

## TECHNICAL PROJECTS

### Goose Wallet - [Github](#) | [Demo](#)

Fan resource equipped with setlists, album information, reviews, recent performance footage, and lyrics, that enables users to track their favorite concerts, live songs, and attended shows. The administrator has the power to create new albums/concerts, associate respective songs, and remove any review.

- Developed JavaScript/React/Tailwind CSS/Daisy UI front-end
- Modeled custom database schema and REST API with Active Record, PostgreSQL, and Ruby on Rails
- Authenticated users at login by encrypting identifying account information via JSON Web Token

## EXPERIENCE

### Camfil USA

*Territory Sales Manager*

Denver, CO

06/2022 -07/2022

- Executed complete sales cycle: prospected, completed site surveys, prepared quotes and presentations, and secured purchase orders. Provided technical assistance and product recommendations to building superintendents.

### Globus Medical

*Fast Track Associate Sales Representative*

Baltimore, MD

01/2021 -12/2021

- Provided technical assistance to 10 surgeons with size and function of 21 different spine orthopedic implant systems in over 200 surgical procedures resulting in 2 million dollars in annual sales.
- Managed logistic requirements of surgeons between Globus operations teams, transportation teams, operating room coordinators and sterile processing coordinators resulting in 500 successful surgical operations.

### United States Army

*Battalion Adjutant*

Fort Lewis, WA

06/2020 - 11/2020

- Managed project to efficiently execute battalion fundraising events; increased battalion funds for future events 3-fold.

### United States Army

*Troop Fire Support Officer*

Fort Lewis, WA

10/2019 - 06/2020

- Developed, resourced, and instructed asset familiarization training for a 10-person team with key leaders from 2 external units; increased capabilities and knowledge of aviation platforms and methods of implementation; increased team effectiveness 3-fold.
- Planned and led 2 training missions in collaboration with key leaders from 2 departments; maneuvered a team of 4 soldiers, utilizing aviation, artillery, and mortar indirect fires assets to ensure safety; enabled timely certification of team and troop.
- Led 8-person cross-functional team effectively tracking over 500 personnel employing over \$50 million of equipment to execute 50 missions in Yakima Training Center; developed technical products that contributed to timely unit certification and increased unit combat readiness.

### United States Army

*Battalion Assistant Fire Support Officer*

Fort Lewis, WA

07/2019 - 10/2019

- Cross-functionally managed 30-person team to execute 20 missions in collaboration with key leaders of 2 departments which contributed to timely certification of 3,000-person brigade.

## EDUCATION

### Flatiron School

Full Stack Web Development Program

Denver, CO

01/2023

### United States Military Academy

Bachelor of Science, Systems Design and Management

West Point, NY

12/2018