**Jarrett Guyer**Colorado Springs, CO • (406) 366-9006 • guyer.jarrett@gmail.com

[LinkIn](https://www.linkedin.com/in/TheJaguyer) • [Github](https://github.com/TheJaguyer) • <jarrettguyer.com>

**Education**

### Operation Level-Up | *Advanced Software Engineering Immersive, Remote* 2022

18-week Full Stack Web Development Software Immersive, with a focus on practical engineering concepts and team-based product design, assessment, and implementation.

### Massachusetts Institute of Technology | *Post-Graduate Research and Studies, Cambridge, MA* 2018

Tested physical prototypes of cutting-edge microscopic phased array laser radar systems for deep-ocean autonomous exploration applications at Lincoln Laboratories. As part of the Lincoln Labs’ Fellowship Program, completed first year doctorate level particle physics and quantum theory curriculum.

### United States Military Academy | *BS in Physics with Honors, West Point, NY* 2017

Excelled in all academic subjects, scoring a cumulative 3.8 GPA and a 4.1 GPA within Major. Developed and refined leadership skills in ample training situations over each summer and throughout the academic year. One of only 8 cadets permitted to attend graduate school after graduation and commissioning.

**Skills**

**Front End** | JavaScript, TypeScript, React, Tailwind CSS, Bootstrap, Vite, NextJS

**Back End** | Node, Express, PostgreSQL, MongoDB, MySQL, Docker Compose

**Testing/Deployment** | Render, Digital Ocean, AWS, EC2, Containerized K6

**Soft Skills** | Effective Communication, Collaboration, Continuous Growth

**Software Engineering Experience**

### Front End Developer | *Front-End Capstone Project* | [github repo](https://github.com/Group-3-MCSP/FEC-Amazon-Clone) 2022

* Led agile development team through user-experience driven redesign of popular commercial website.
* Deployed back-end server with modular route and database design to assist with testing.
* Implemented dynamic image rendering modules utilizing react lifecycle methods.

### Back End Developer | *Server-Design Capstone Project* | [github repo](https://github.com/SDC-Team-4/ChronoBeats) 2022

* Developed modular containerized components for fluid testing and comparison of differing database solutions and architectures, without interrupting production services.
* Designed realistic testing scenarios for estimating real-world use of our application.

**Prior Work Experience**

### Software Engineer Assistant Immersive Resident | *Assistant Teacher*, ­*Colorado Springs, CO* 2022-Current

### Selected for the SEIR position based on exceptional communication and facilitation skills, resulting in effective communication of complex technical concepts to entry-level software engineers.

### Collaborated with a dispersed team to provide technical guidance and mentorship to over 30 students in software engineering fundamentals, with a focus on JavaScript, problem solving, and code reviews.

### Designed and delivered solutions independently, conducted student testing, and provided support to senior subject matter experts and non-technical staff as a member of an educational software team.

### Assistant Squadron Fire Support Team Leader | *Team Lead*, *Fort Carson, CO* 2020-2022

### Demonstrated learning-oriented and growth mindset, becoming the subject matter expert on our suite of communications applications and equipment, developing junior employees to the same level.

### Showed courage and optimism by receiving the Commendation Medal for swift and effective communications networking between dozens of sparse targeting computers during the brigade's capstone training event.

### Ammunition Platoon Leader | *Team Lead*, ­*Camp Casey, Dongducheon, South Korea* 2019-2020

* Created a sense of belonging and inclusivity by respecting and understanding the different identities and perspectives of the team, while training and developing 18 personnel from a wide range of backgrounds.
* Collaborated and built together by planning the continuous professional development of junior employees and preparing them for success in future assignments, allowing 25% of the employees to achieve promotions ahead of their peers while maintaining integrity and ethical conduct in meeting the required key performance indicators.