

Sherman Kettner

Monument, CO | 719-272-1131 | skettner@cyberskett.info | <https://www.linkedin.com/in/sherman-kettner-4246a1202/>

Summary of Qualifications

Highly motivated team player with unquestionable work ethic and a drive for excellence. Known for fast analysis and ability to rapidly evaluate new problems. Innovative thinker; can work independently and in cross-functional multidisciplinary teams using the resources at my disposal. I have a proven track record of developing and maintaining key customer relationships. Effective problem solver with strong communication skills. Competent Agile application developer in Visual Studios and VSCode. Experienced presenter both in person and over online calls. Competent communicator through both written and verbal communication.

Clearance

TS/SCI - DOD

Education

Master of Science in Computer Science

University of Colorado Colorado Springs (UCCS)

GPA: 4.00

Graduated: May 2025

Bachelor of Innovation in Computer Science

University of Colorado Colorado Springs (UCCS)

GPA: 3.96, President's List and Dean's List, Honors Student

Graduated Summa Cum Laude: May 2024

Work & Related Experience

Intern Software Engineer

05/21/2024 – 07/23/2024(40 hours a week)

Junior Software Engineer

07/23/2024 – Current(10-40 hours a week)

KBR, Colorado Springs

- Developed Java Library for importing Kafka data feeds into MIL-STD-2525 on import.
- Designed and Created Elixir Data Structure, and Form for handling MIL-STD-2525 data input by user.
- Implemented Multiple Language/Locale support for an application.
- Implemented a Rich Text Editor and live translations to support applications chat feature.
- Finalized preexisting app by searching for bugs and fixing them, as well as removing unneeded code.

Teachers Assistant

01/31/2024 – 05/10/2024 (8 hours a week)

UCCS, Colorado Springs

- Graded and Assisted Students in completing CS 4220 Computer Networks basic network and protocol concepts and principles learned through practical hands-on exercises on network management, network programming, and network planning through the use of industry simulators.
- Topics include Internet protocols and routing, local area networks, basic TCP/IP programming, congestion control, packet switching and routing, quality-of-service, and network management.

Intern Software Engineer

06/13/2022 – 05/10/2024(1-40 hours a week)

Maclean Fogg, Remote/Mundelein, Illinois

- Designed, Coded and Deployed a .Net web application that allowed for note taking using a SQL database to improve efficiency on the plant floor.
- Upgraded a forklift scheduling .Net web application, to expand the number of departments that could interact, from two to as many were in the SQL database.
- Develop Azure Pipelines for application deployment and for automatically updating version numbers of projects upon commits to GIT repositories, reducing the workload on maintenance for the application development team.
- Redeveloped every packaging label for the plant to allow us to upgrade software.

Web Designer & Marketing Researcher

08/20/2021 – 06/15/2023 (6 hours a week)

TLC Unlimited and Code 3 Christmas Lights, St Thomas, Virgin Islands & Colorado Springs, Colorado

- Created a modern website for TLC Unlimited to spread awareness of what they do and accept donations.
- Lead a team to create promotional materials for marketing efforts with consistent branding message.
- Organized and presented team research and analysis into marketing trends utilizing Google analytics.
- Added video to Code 3 Christmas Lights website and improved SEO to improve traffic flow through the website and bring more business to Code 3 Christmas Lights.

Desktop Support Specialist

06/12/2021 – 08/7/2021(40 hours per week)

Adecco/Radial for Hibbett Sports, Remote

- Solved 8+ customer calls per hour on items ranging from return complication, current package location, account issues, ordering items, to finding items in store giving customer a better experience at Hibbett Sports.
- Maintained a complicated set of applications for receiving and solving customer calls remotely with minimal support, allowing me to spend more time producing value for the company.
- Received an official award for praised by customer for remaining calm under pressure, 1 of 15 through the whole summer from 6 call centers.

Publications

“Characterizing Cyber Attacks against Operational Technology Infrastructures Through the Lens of Cyber Attack Flows”
Published in Military Cyber Affairs

Skills & Capabilities

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| ● Programming in C/C++/C#/Java/HTML/SQL/Elixir | ● Azure, Gitlab, GitHub |
| ● AI/ML Training and Implementation | ● Critical thinking/Problem solving skills |
| ● Leadership/Conflict management skills | ● .NET and Elixir application development |
| ● CyberAttack Flow Analysis | ● Client satisfaction capability |
| ● Windows, Mac, and Linux (Ubuntu/Kali) OS | ● Engaging oral presenter |