

# JULIA IMMER

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## EDUCATION

### UNIVERSITY OF COLORADO BOULDER

*Applied Computer Science, Post-Bacc Bachelor of Science - 2021 to 2022 - 3.86 GPA*

### UNIVERSITY OF CENTRAL MISSOURI

*Mathematics, Bachelor of Science, Minor Physics - 3.72 GPA, Cum Laude, Dean's List*

### LINUX FOUNDATION

*KCNA: Kubernetes and Cloud Native Associate Certification - January 2023*

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## INTRODUCTION

Passionate, detail oriented engineer who thrives tackling difficult problems. Easily adaptable to new tech and languages, with an insatiable curiosity and experience in CI/CD pipelines, Kubernetes, authorization, and proof-of-concept.

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## SKILLS

Python, Kubernetes, Gitlab CI/CD, Containerization, Java, C++, Bash, Linux, Algorithms, AWS, Maven, Helm, Unit Testing, Debugging, Data Structures, HTML, CSS, Git, Agile, Research, Project Management, Communication, Technical and Creative Writing, Public Speaking, Group Facilitation, Graphic Design, Branding, Sales, Leadership, Negotiation

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## EXPERIENCE

### SOFTWARE ENGINEER INTERN

*Six3 Advanced Systems / CACI International / May 2022 - August 2022*

- Application Key Infrastructure: Designed, developed & deployed to Kubernetes via Gitlab CI/CD a Heimdall authorization microservice + client library. Utilized Docker, Helm, Maven, Redis, Java, Git, Jira, & Linux env.
- The AKI issued and validated tokens signed via encryption, & throttled via cached rules & accesses.
- Proof-of-concept: Gitlab pipelines, Quarkus, Heimdall.
- Bandwidth test project for Edge: proof of concept generating a download estimate for remote clients. Java.
- Followed Agile sprint model with daily scrum, & planning. Generated & maintained critical documentation.

## PROJECTS

**SYNTH IN DOCKER** - Creating from scratch, secure dockerfile for containerization of simple synth app - 2022

**RSA AUDIO ENCRYPTION SCHEME** - Implemented RSA for audio encryption, with in-depth a - 2021

**RING BUFFER** - Audio processing data class with custom looping sound effect - 2021

## RESEARCH

### EPISTEMOLOGICAL BELIEFS, CONFIDENCE, AND ACADEMIC PERFORMANCE

- Conducted grant funded research investigating the relationship between math confidence, beliefs about math and academic performance. Grant awarded through the honor's college.
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## ENTREPRENEURSHIP

### RELATIONSHIPS AND INTIMACY EDUCATOR

*Boulder, Colorado / September 2012 - May 2021*

- Founded two in-person educational orgs, featuring international experts & vibrant online communities, eventually selling one org. Coached hundreds of clients. Designed, marketed, led empowerment workshops.