

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

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.

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

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.