

# TREY MOEN

## PERSONAL INFORMATION

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<i>github</i>	<a href="https://github.com/greatgitsby">https://github.com/greatgitsby</a>
<i>linkedin</i>	<a href="https://www.linkedin.com/in/trey-moen">https://www.linkedin.com/in/trey-moen</a>
<i>portfolio</i>	<a href="https://treymoen.com">https://treymoen.com</a>

## CERTIFICATIONS

<i>Jul '21</i>	AWS CERTIFIED CLOUD PRACTICIONER [1]
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## WORK EXPERIENCE

<i>E&amp;J Gallo Winery</i>	<i>Jun '21–Aug '21</i>	PROGRAMMER ANALYST INTERN — INFOSEC	<ul style="list-style-type: none"><li>• Saved personnel time by automating the manual remediation of low to high severity findings, achieved by developing a serverless, real-time alert and auto-remediation system deployed across 20+ accounts and 17 AWS regions</li><li>• Improved endpoint security by auditing hundreds of AWS resources for security flaws and best practice conformance, including EC2 security groups and IAM policies and roles</li><li>• Proved the scalability of the auto-remediation system by pitching and validating solution with AWS Solutions Architects, an AWS Security specialist, and Technical Account Manager</li><li>• <i>Technology used:</i> AWS CloudFormation, EventBridge, GuardDuty, Lambda, Secrets Manager, SQS, several vendor APIs</li></ul>
<i>JNJ Software LTD</i>	<i>Jan '19–Jul '21</i>	FULL-STACK SOFTWARE DEVELOPMENT ENGINEER	<ul style="list-style-type: none"><li>• Powered the core of a growing business in a fast-paced development environment by building, documenting, and maintaining myriad projects, including REST APIs, client-facing and internal web dashboards, and language libraries</li><li>• Grew existing infrastructure to handle nearly one million messages per day and process terabytes of data per month by designing and building a distributed, scalable, real-time web scraping platform hosted on a Kubernetes cluster</li><li>• Optimized key performance indicators like pipeline latency to a sub-80 millisecond average through data analysis and profiling systems and applications</li><li>• <i>Technology used:</i> Docker, Gitbooks, Go, Grafana, Kubernetes, MongoDB, Node.js, Redis, TypeScript</li></ul>
<i>George Fox University</i>	<i>Aug '20–Present</i>	CSIS LAB ASSISTANT	<ul style="list-style-type: none"><li>• Empower and lead students toward understanding concepts from intro to CS core courses, including data structures, algorithms, parallel programming paradigms, relational databases, and programming style and best practices</li><li>• <i>Technology covered:</i> C/C++, Java, L<sup>A</sup>T<sub>E</sub>X, MPICH, PostgreSQL, Python, Scala</li></ul>

## EDUCATION

<i>George Fox University</i>	<i>Aug '18–May '22</i>	George Fox University — Newberg, OR	GPA: 3.7 · <i>Computer Science, Concentration in Cyber Security</i>	<ul style="list-style-type: none"><li>• Selected as one of 250 mentees to participate in the GFU "IGNITE" industry mentorship program</li><li>• Won first place out of 8 teams by working with two colleagues to develop BookLend [2] [3], a peer-to-peer borrowing and book lending service for students, in the 2021 GFU Code Jam</li><li>• Member of the CSIS Student Advisory Board [5]</li><li>• Student under the George Fox Honors Program [4], a Great Books program</li></ul>
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## REFERENCES

- [1] *AWS Certified Cloud Practitioner Certificate*.  
[https://www.credly.com/badges/2d689351-0ce2-43f7-b9b4-42e5ae03eb94/public\\_url/](https://www.credly.com/badges/2d689351-0ce2-43f7-b9b4-42e5ae03eb94/public_url/).
- [2] *BookLend - Description*. [https://www.linkedin.com/posts/gfu-acmw\\_codejamv1-gfuacmw-activity-6786806701384433664-wwVd/](https://www.linkedin.com/posts/gfu-acmw_codejamv1-gfuacmw-activity-6786806701384433664-wwVd/).
- [3] *BookLend - GitHub Organization*. <https://github.com/booklend/>.
- [4] *George Fox Honors Program*.  
<https://www.georgefox.edu/honors-program/index.html/>.
- [5] *George Fox University CSIS Student Advisory Board*.  
<https://cs.georgefox.edu/about/advisory/>.