

# ALEX LEWTSCHUK

## CONTACT



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## SKILLS

- Git
- Agile Methodologies
- Java
- CLI
- Linux
- HTML/CSS
- WordPress

## PUBLICATIONS

- PharmaSys: Towards Preventing Prescription Misuse Using A HIPAA-Compliant Blockchain Protocol (PREPRINT)
- Blockchain Applications in Prescription Tracking: Challenges and Opportunities (Pre-Submission)

## PRESENTATIONS

- ICICT 2024, London, UK

## EDUCATION

BS in Computer Science

**BOISE STATE UNIVERSITY**

(Expected May 2025)

## PROFILE

Pursuing a degree in Computer Science and a minor in Cybersecurity. A creative and critical thinker, adept in software development practices and working with a variety of data structures and in working environments.

## WORK EXPERIENCE

### Blockchain Undergraduate Researcher

Boise State University

May 2023 - July 2023

- Researched critical applications for prescription tracking using Blockchain
- Developed a novel multi-party consensus protocol and Blockchain bases system towards preventing prescription misuse
- Worked in a fast-paced, team-based environment
- Program resulted in two research papers, one presented and in preprint, and one soon to be submitted.

### Student WordPress Analyst

Office of Information Technology -  
Boise State University

July 2022 - March 2024

- Analyzed web-based computing issues
- Solved multivariable website issues in an efficient manner
- Provided enterprise-level efficiency and quality in WordPress
- Ensured website compliance with university, local, and federal regulatory standards

### Security Auditor

Boise State University

Aug. 2023 – Dec 2024

- Conducted comprehensive security audits across all university website forms to identify and assess the presence of Personally Identifying Information (PII)
- Categorized identified PII based on type (e.g., name, address, social security number), facilitating targeted security enhancements
- Established and maintained a PII inventory to monitor and manage the handling of sensitive information effectively
- Developed comprehensive audit reports detailing findings.