

Christopher R. Lattman

Experience

Software Developer Intern – HTI Labs

April - September 2020

- Fixed web scrapers built with Python (Selenium and Scrapy)
- Used AWS to analyze data captured from exploitation-suspected websites

Education

B.S., Mathematics – Applied Discrete Mathematics

May 2020

Virginia Polytechnic Institute and State University

Coursework

Issues in Scientific Computing Data Structures and Algorithms Probability and Statistics

Private Key Cryptography Data and Algorithm Analysis Machine Learning

Public Key Cryptography Computer Organization Database Management Systems

Certifications

AWS Certified Cloud Practitioner

April 2021

Personal Projects

Simple Web Server

- Built a web server in C that sends simple messages to clients
- Uses the sockets library and can be scaled up with multithreading

Cryptographic library

- Created a suite of cryptographic primitives and protocols using Java
- Includes AES, SHA3, RSA, ECDSA, HMAC, and TLS

Book Publisher CRUD App

- Built Java servlets and JSPs for a J2EE app that saves and displays a publisher's books
- Persists books and book-tags to a PostgreSQL database using JDBC and WildFly (JBoss)

Skills

Languages: Java, C, Python, SQL, Shell

Web Languages: HTML, CSS, JavaScript

Technologies: Eclipse, Git, Docker, AWS, Linux

Links

GitHub: <https://github.com/chrislattman>

LinkedIn: <https://www.linkedin.com/in/chrislattman/>