

Dallas White

GitHub: <https://github.com/Dallas-White/>

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Experience

Year-Round Software Development Intern

August 2020 – April 2025

Toshiba Global Commerce Solutions

- Set up and managed multiple Elasticsearch instances with 5 nodes for each customer to store data across stores in multiple countries ingesting over 100GB of data per customer per month.
 - Analyzed data using Python and Elasticsearch to provide insight into Point of Sale operations including operation times, failure rates, and transaction times, increasing detection ability and reducing resolution times for customer issues.
 - Developed a React dashboard to help customers manage Point of Sale machines on a large scale. Including deploying software, viewing lane status, and performing maintenance.
 - Fixed multiple critical bugs impacting customer facing applications in a timely manner.
 - Worked with a 5 person software team to deliver timely solutions to customer issues using Agile.
 - Set up a Logstash pipeline to pull data from Point of Sale lanes and send it to various locations, including a custom Ruby script to filter data.
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Certifications

- CompTIA IT Fundamentals+
 - MTA: Introduction to Python
 - General class HAM Radio License
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Skills

Programming Languages: Python, Java, JavaScript, Typescript, C, C++, Rust

Technologies: SQL, Elasticsearch, Docker, Git, Linux

Frameworks: TensorFlow, React, Astro, OpenTelemetry, Logstash, Pandas

Education

University of Arkansas

Graduating May 2026

Bachelors In Computer Science

Relevant Coursework: Algorithms, Database Systems, Data Mining, Artificial Intelligence, and Information Retrieval