

# William Dines

## Software Developer

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I am a software developer with 2 years of professional experience. My skills include software engineering, QA automation engineering, and data analysis/BI.

## Professional Experience

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### Top Echelon Software - Remote

March 2023 - April 2024

#### QA Automation Engineer

- Utilized Cypress to conduct comprehensive end-to-end and regression testing, identifying and resolving critical issues before production deployment
- Spearheaded the creation of an integration testing suite, which helped reduce certain test times by up to 500%
- Collaborated with cross-functional teams to identify and prioritize test cases for automation, reducing the need for manual testing dramatically
- Demonstrated expertise in creating custom commands in Cypress to enhance test coverage, development speed, and maintainability

### DXC Technology - Remote

June 2022 - March 2023

#### Development Intern

- Coordinated agile team in a SAFe environment as a tech lead focused on data analytics/visualization software
- Implemented dashboards into a web application by utilizing Power Query and DAX scripts within Power BI visualizations
- Maximized scripting efficiency by converting Python Pandas code to PySpark, yielding up to 100 times faster run times

### LSU Residential Life - Louisiana State University

January 2022 - June 2022

#### IT Student Worker

- Performed help-desk related duties such as answering phones and responding to online tickets
- Added to internal documentation to assist future workers in specific problems
- Aided in the transition from a manual to a remote imaging process for all LSU computers

## Education

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### Louisiana State University - B.S. Computer Science

August 2018 - December 2022

- Participated in various hands-on projects throughout the academic program, collaborating with peers to design and develop software applications from concept to deployment.

## Key Skills

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- Web Development
  - Typescript, Javascript, React, Angular, Node.js
- Application Development
  - Java, Python, C#
- Application Testing
  - Cypress, Selenium