

BRYAN TRAN

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🐙 github.com/bryantran21

Education

Louisiana State University

Bachelor of Science in Computer Science

Aug. 2019 – May 2023

Baton Rouge, LA

Georgia Institute of Technology

Master of Science in Computer Science

Aug. 2026 – Present

Baton Rouge, LA

Experience

IBM

Application Developer

June 2023 – Present

Baton Rouge, LA

- Developed backend services in **Java** and authored custom unit tests using **Mockito**, achieving **90% code coverage** on JaCoCo reports.
- Contributed to modernization of the CCP application for Defense Finance and Accounting Services (**DFAS**) from **MS Access** to **Angular Pages with TypeScript**, collaborating with client stakeholders to refine layout and user experience.
- Refactored legacy **MS Access** payroll workflows into **Angular Pages with TypeScript**, integrating **REST APIs** and **async state management**, improving page load and data retrieval times by **60%**.
- Created wireframes of legacy applications to help modernization efforts and standardize page flow for developers.
- Initiated and outlined benefits for migrating the **Navy ADE** development environment from **IL2** → **IL4**, aligning with long-term **security and compliance** goals.
- Spearheaded the integration of Zephyr for Jira to standardize QA test cases for new ADE features.

Louisiana State University, Information Technology Services

Student Web Developer

May 2022 – May 2023

Baton Rouge, LA

- Diagnosed and resolved application failures for LSU's enterprise application (**GROK**) through log analysis, code walkthroughs, and error tracing using **DevOps tools**, improving system reliability.
- Enhanced accessibility of LSU applications using **WAVE**, **HTML**, and **CSS**, improving screen-reader usability and modernizing **Bootstrap** dependencies.
- Migrated LSU **Java** applications to **Spring Boot**, updating **Maven** repositories and reconfiguring **CSRF tokens** to resolve security blockers, ensuring compliance with modern enterprise standards.

TAG Data Solutions

Full Stack Web Developer

January 2022 – April 2023

Remote

- Conceptualizing design for application/functionality of custom software for laboratory animal clinics.
- Creating site layout/user interfaces from provided design concepts by using standard HTML/CSS/PHP/Javascript practices for web applications.
- Designed and creation of relational database schemas, using BackboneJS to apply front end user requirements.

MAPP Construction

IT Intern

May 2021 – December 2023

Baton Rouge, LA

- Provided technical support for all departments within the company through video calls and remote access, on-site debugging, and setting up hardware for new/current users
- Gathered bid data on Power BI and made tables displaying the company's growth and progress on contracts.
- Helped build internal application using PowerApps to improve workflows.
- Managed user data as an IT Admin, making sure new employees were provided Microsoft accounts, and terminated employees were logged onto OneDrive for company security.

Technical Skills

Languages: Python, Java, C#, HTML/CSS, JavaScript, SQL, TypeScript, PHP

Developer Tools: VS Code, Eclipse, Git/Gitlab, Jira, Postman, Maven, Mockito, JUnit, SQL Developer

Technologies/Frameworks: Angular, React, Next.js, Bootstrap, Spring Boot, Node.js, Apache, Tomcat, MySQL, Oracle, AWS, Azure, Docker, Vercel