

MUSTAPHA BABAJIDE ADUBIAGBE

+1 361-228-2567 - jidemustapha2013@gmail.com

<https://www.linkedin.com/in/mustapha-adubiagbe> - <https://jidemusty.github.io> - <https://github.com/jidemusty>

SKILLS

- PHP/Laravel
- JavaScript
- Java
- TypeScript
- C++
- Node
- Python
- React/Redux
- GraphQL
- Vuejs
- HTML/CSS
- MobX
- TDD
- BDD
- Git
- Web services
- Unit Testing
- Postgres
- MySQL
- MongoDB
- API
- Docker
- Command Line
- Algorithms
- Linux
- Design Patterns
- REST
- Agile

PROJECTS

- Compiler Design of a Lexical Analyzer and a Syntax Analysis for a high-level language called MINI-L.
- Course Project - Software Engineering: A University Facilities Management System.
- Course Project – Real-time Systems: Implementing a Real-time Scheduler with Kubernetes.
- Paper: Automated Test Input Generation for Android.
- Graduate College Courses: Software Engineering, Web Programming, Database Systems & Design, Compiler Design, Analysis of Algorithms and Real-time Systems.

EDUCATION

- **Master of Science in Computer Science** May 2020
Texas A&M University - **GPA – 4.0/4.0**

WORK EXPERIENCE

Software Engineering Intern May 19 – Aug 19
Schoology – Austin, Texas

- Improved Security at Schoology by:
 - Identified vulnerable libraries. Planned & executed upgrades to take apps to zero vulnerable dependencies.
 - Remediate XSS attack vector on the legacy codebase.
 - Discovered & fixed broken access control, IDOR & privilege escalations by implementing access control security policies in PHP.
- Fixed async issues in JavaScript with vendor integration (Respondus), eliminating problems with ChromeOS.
- Improved developer Kubernetes env, to ensure provisioning edge cases were covered with bash & helm scripts.
- Fixed browser specific UI defects on the Schoology frontend React app to make the app more aesthetically pleasing.
- Improved test coverage by writing BDD automation tests for different user scenarios (Selenium, Codeception, PHP).
- Helped the team implement a 30% speed up of ETL by improving SQL queries.

Systems Engineer Nov 17 – May 18
Tech Advance - West Africa

- FAYA (For All Your Advertising) is an Ad Tech solution setup to automate media advertising, connect media buyers with media publishers through cross-integrations & data-driven insights.
- Lead a team that carried out R&D on Media Purchase Orders, Ad slots Management & constraints, Media Planning/Media Buying & Monitoring/Analytics.
- Investigated, pitched and rebuilt the discounts management system which made campaigns creation 50% faster.
 - Architected & coded crucial modules of the application which included Campaign creation flow, Ads inventory management, Analytics, reports & Access level control.
- Eliminated bugs early in development by writing unit and integration tests, as well as applications testing suite.

Backend Developer Jan 17 – Nov 17
TrueRebel – West Africa

- Built an internal inventory management application to create & manage different product orders, track sales & deliveries/logistics, monitor stocks and product performance which increased the sales team personnel efficiency by 85%.
- Architected, coded & maintained a school management system for a company client.
- Fully automated the deployment process, significantly reducing deployment errors and rollbacks.
- Improved performance and optimized company website by making it 50% faster.

Intern Web Developer Mar 16 – Jan 17
Bincom ICT – West Africa

- Worked on multiple areas on Social lender (a solution that provides individuals & businesses short-term loans based on a social reputation algorithm). Modules I worked on include Loan repayment, Stripe Integration & Guarantor system
- Coded frontend UI for financial services applications using jQuery & Bootstrap by working with designers.
- Automated error discovery by writing unit & QA tests.
- Learnt & applied multiple development methodologies and tools including, Agile, Scrum & JIRA.