Mamadou Traore
Full-Stack **Web Developer**

PROFILE

I hold a Master's degree in applied mathematics, and a master's degree in information security and assurance. The dream of being able to use technology to make an impact leads me to coding. I would love a position where I can use my skills and creativity to make things not only easy for others to use but impossible to achieve without coding and problem solving skills.

PROJECTS

Learning center App
I developed this app for the tutoring department of Mercy College where tutors can sign up for an account and add their proposed schedules for the manager to approve or make changes. once tutor approved, students will be able to see the tutor's schedule and chat instantaneously with tutors working at that time, and could take survey at the end of each session. Students will be able to print or see the pdf of the schedule based on campus or subject. I used **web socket technology, css** and **jquery** for the chat, used **bootstrap** for the front-end look, created an **Api** to be able to access the tutors information through front-end languages. Used **Postgresql** to store information of tutors and students. Everything was developed using **ruby on rails.**
This will take you to the learning center app

Recognition App
I developed that app for the recognition team at Mercy College. At the beginning coins are given to employees to give for recognition. Once you give it to someone, you scan the coin and put your information and the information about the recipient. Created the admin page where only super admins can create, update or delete admins. Admins and Super admins can see, update and delete all the recipients and givers' information. Admins can see the statistics of the coins and they can also download the excel sheets of the recipients and givers' information by campuses. Used Ruby on rails, css, html, sql, boostrap, postgresql.
This will take you to the recognition app

EXPERIENCE

Difference Engine Apprenticeship
Actualize | NY, NY| 2017

- Used Ruby on Rails, JavaScript, jquey, sql, html, css and vue.js to build a web app for International Montessori schools' web application
- Learned to pair program and to work in team
- Developed payment system for international Montessori schools' web application

Mercy College – Dobbs Ferry, NY
Adjunct Professor   *September* 2013 – **Present**
- Teach Calculus, Pre-Calculus, College Algebra, College Algebra: Function and Models, Trigonometry, and Statistics.
- Teach introduction to computer science(understanding the parts, Operating Systems, Computer network, computer security)

Monroe College – New Rochelle, NY   November 2017 – **Present**
- Teach Mathematical modeling in problem solving
- Teach graph theory and financial management
- Teach voting and apportionment

SKILLS

JavaScript Ruby, Rails
HTML, css, vue.js, Git
SQL, PostgreSQL, Jquery
Speaks: English, French, Russian,
Write and read Arabic

EDUCATION

Actualize
Full-Stack Web Developer | 2017

Mercy College
Master's degree in Information security and assurance | 2013

University of science and Technology of Bamako
Master's degree in applied Math

University of economics of Kharkov
Certificate of Russian language

CONTACT

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