

# ELTAYEB ABDELRAHMAN

| FULL STACK SOFTWARE DEVELOPER | US CITIZEN | Gaithersburg, MD

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## EDUCATION

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### University of Maryland, College Park, Maryland

Bachelor of Science in Information Science

August 2021

- Relevant Coursework: Object-Oriented Programming, Database Design & Modeling, User-Centered Design, Dynamic Web Applications, Cyber Intelligence, Data Science Techniques

## EXPERIENCE

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### Fifth Tribe

Washington, DC

Full Stack Software Developer

December 2020 – Present

- Built three custom & responsive Webpages from scratch using **Bootstrap 5 + JavaScript**
- Improved **React.JS** project: displayed data from **SQL** server, added data validation, maintained test scripts
- Updated **Selenium** test to be consistent during regression testing; designed & developed **Cypress** test cases
- Worked in a highly collaborative, mission-driven, **agile** product team

### Islamic Society of Germantown

Germantown, Maryland

WordPress Administrator

September 2019 – March 2021

Managed web content for local mosque. Responsibilities included:

- Assisted management with administrative tasks, created and updated web content
- Maintained, monitored, and troubleshoot website using WordPress
- Ensured graphics and layout were visually appealing across various media

### University of Maryland

College Park, Maryland

Undergraduate Teaching Assistant

August 2020 – December 2020

- Mentor College Park students for Dynamic Web Applications class, total of 186 students
- Conducted office hours to guide students & troubleshoot issues in **HTML/CSS/JavaScript**
- Met with instructional team weekly to develop course content

## PERSONAL PROJECT

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### Interactive Map:

[pg-service.herokuapp.com](https://pg-service.herokuapp.com)

Full Stack Web App Prince George's (PG) County Interactive Map

- **Node.js, Express.js** backend, fetched data from PG county data set, to clean & organize
- Developed a Multi-Page Application front end using **React.js + Bootstrap 4** deployed **Heroku**

### Food Inspection:

[food-inspection.herokuapp.com](https://food-inspection.herokuapp.com)

App Visualizes PG County Food Inspection Data Using CanvasJS

- **Node.js, Express.js** backend, fetched data from PG county data set, to clean & organize
- Used **CanvasJS** library to display modified data from the local **api**

**Student Submit Server:** Created Concurrent Program using Threads & Synchronization

- Created program using **Java** & wrote test cases using **Junit** framework
- Added data to server utilizing multiple threads & synchronization to prevent data races

## SKILLS

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- Programming: Java, JavaScript, HTML, CSS, SQL, R, Kotlin, Python, Version Control (Git), Agile
- Libraries & Frameworks: Node.js, Express.js, React.js, Bootstrap 5, Cypress, Selenium, jQuery, Junit, CanvasJS
- Database Systems: MySQL, SQLite