

GERSHOM EJONI

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EDUCATION

BS University of Richmond **June 2015- December 2019**
Environmental Studies Major with Minor Biology

PROFESSIONAL EXPERIENCE

Timmons Group **April 2023-Present**

GIS Specialist

- Lead geocoding efforts to accurately map and geolocate addresses and locations within transportation projects, enhancing data visualization and analysis capabilities.
- Demonstrate expertise in geodatabase management, ensuring the integrity, accessibility, and efficient retrieval of geospatial data for various transportation projects.
- Engage in regular interactions with stakeholders, including government agencies, private clients, and community representatives, to understand project requirements, address concerns, and provide updates on deliverables.
- Collaborate with various departments of transportation (DOT) to align GIS solutions with their specific needs and regulations, resulting in optimized deliverables that meet the unique requirements of each DOT.

Insight Global

February 2022-Present

GIS Editor | Microsoft Contractor

- Played a pivotal role in improving machine learning algorithms by gathering and incorporating customer feedback, resulting in the enhancement of Bing Maps' functionality and user experience.
- Complete assigned project tasks such as GIS data development, QA/QC reviews, and GIS data processing tasks
- Provide GIS analysis and spatial database management.
- Help process photogrammetry imagery.

IVA Skincare

May 2020- Present

Founder/CEO

- Owner and operator of small business
- Develop efficient business operations through visionary leadership.
- Create strategic partnerships with local companies.
- Curate innovative marketing campaigns.
- Provide customer care and support.

PROJECTS

University of Richmond Environmental Studies Department, Richmond, VA, January 2019-April 2019

Advisor: David Kitchen

- Analyzed the University's decision to invest in solar was a viable solution to offset its energy consumption.
- Provided potentially feasible alternative energy sources to offset energy consumption.
- Explored solar array environmental, economic, or social impact on stakeholders.
- Presented findings to University's faculty and stakeholders through interactive maps on ArcGISOnline.

Timmons Group, Richmond, VA, April 2023-Present

Tech Stack: Enterprise Versioning

- **Directed ADOT Boundary Review Web App:** Oversaw development of a crucial web tool for stakeholders to thoroughly assess FHWA-mandated boundary changes, ensuring comprehensive review capabilities.
- Integrated dynamic functions allowing immediate feedback from government agents within the web app, streamlining FHWA-required boundary revision processes.
- **Utilized Cutting-edge GIS Techniques:** Employed advanced GIS methods for precise manipulation and mapping of boundary data, aligning precisely with FHWA guidelines.
- **Ensured Compliance and Timely Review:** Delivered an intuitive platform, enabling swift and compliant stakeholder reviews to meet FHWA requirements within set timelines.
- **Group Recognition for Excellence:** Received commendation for project management and technical expertise, pivotal in expediting the FHWA-mandated boundary review process.

Project - Ecommerce Site Automation

Tech Stack: Python, Selenium, PyTest, Docker

- Deployed a WordPress E-Commerce Site to the cloud on DigitalOcean Ubuntu server using Docker.
- Created an automation test framework with Python & PyTest.
- Wrote Front-end and back-end automated regression and smoke testing.
- Created a pipeline on GitLab to run automated tests.
- Created frontend selenium tests.

Project - Test Results Dashboard

Tech Stack: Python, Selenium, PyTest, Docker, GitLab

- Created a Flask (python) application to display test results.
- Exposed API to post/retrieve test results
- Created a GitLab pipeline to deploy the application.
- Used AWS SQSS in addition to API to post test results.
- Created automation tests with PyTest and integrated in the CI/CD pipeline.

Project - Mexico Attraction Web Application

Tech Stack: CSS, HTML, JavaScript, AJAX, JQUERY, PostgreSQL, Bootstrap

- Developed Full Stack web application with integrated technologies (Leaflet.js)
- Implemented PostgreSQL as a backend database management system to manipulate and store spatial data.

- Created responsive design and user experience (UX) utilizing Bootstrap.
- Using the tech stack to create a real-world web application with interactive mapping functionalities with JavaScript.

PROFESSIONAL AFFILIATIONS

Full Steam Ahead Mentorship Program **June 2023-Present**
Geoscience mentorship program for emerging minority scientist

International Partnership for Hydrogen and Fuel Cells Economy **June 2020-Present**
IPHE Early Career Chapter

SKILLS

ESRI ArcGIS

JavaScript

PyTest

Database Management

Project Management

HTML

Selenium Web Driver

Experience Builder

CSS

Python

Data Visualization

PostgreSQL

LEADERSHIP

Alpha Phi Alpha Fraternity, Inc. **February 2018-Present**
Sargant of Arms

- Active participant in community service.
- Serve on the March of Dimes committee to help raise thousands of dollars to improve the health and wellness of mothers and babies who may be prone to birth defects, premature birth and infant mortality.

Indoor Football League **June 2021-May 2022**
Professional Athlete

- Performed in the highest level of professional Arena football.
- Traveled across the country entertaining thousands of fans each game

AGAPE Fellowship **August 2016-May 2019**

- Guided a racially, ideologically, and socioeconomically diverse group of students through their spiritual walks.
- Provided an atmosphere of fellowship with the aim of promoting a deeper sense of community on campus through Christianity.

Varsity Defensive End **June 2015-December 2019**
University of Richmond

- Compete in Division 1 FCS Football, making two consecutive playoffs appearances.
- Balance a rigorous 20-hour weekly football schedule with work while maintaining academic eligibility.

Higher Achievement **June 2015-December 2019**
Mentor at Boushall Middle School

- Mentored five sixth-grade students in an intensive curriculum focused on writing, math, and science skills.

- Equipped students with technical knowledge to conduct research and perform in laboratory settings.
- Enhanced mentees' confidence in their academic abilities and in pursuing careers in the scientific field.

Map Links

<https://experience.arcgis.com/experience/839e21954c70452fa6b78a35383a382d>