<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Dr. Alex Otieno Owino - Engineer</title>

<link rel="stylesheet" href="styles.css">

</head>

<body>

<header>

<div class="header-container">

<h1>Dr. Alex Otieno Owino, Ph.D.</h1>

<p>Resourceful Engineer Driving Sustainable Solutions in Geotechnical, Civil, Environmental, and Agricultural Engineering</p>

</div>

</header>

<nav>

<ul>

<li><a href="#about">About Me</a></li>

<li><a href="#skills">Skills</a></li>

<li><a href="#experience">Experience</a></li>

<li><a href="#education">Education</a></li>

<li><a href="#research">Research</a></li>

<li><a href="#contact">Contact</a></li>

</ul>

</nav>

<main>

<section id="about">

<h2>About Me</h2>

<p>

I am an enthusiastic engineer with a robust background in Geotechnical, Soil Resources, Environmental, Civil and Agricultural & Biosystems Engineering. My motivation lies in tackling complex challenges and contributing to sustainable solutions.

</p>

</section>

<section id="skills">

<h2>Technical Skills</h2>

<ul>

<li>Geotechnical Engineering</li>

<li>Soil Mechanics</li>

<li>Concrete Technology</li>

<li>Environmental Impact Assessments</li>

<li>AutoCAD, Civil3D, Global Mapper</li>

<li>Data Analysis and Reporting</li>

</ul>

</section>

<section id="experience">

<h2>Professional Experience</h2>

<article>

<h3>Research & Development Engineer</h3>

<p><strong>Make Integrated Technology (M.I.T) Corporation, Osaka</strong> (Sep 2023 – Present)</p>

<ul>

<li>Developing innovative low-carbon concrete systems</li>

<li>Stabilization of river sludge and expansive clay</li>

</ul>

</article>

<article>

<h3>Research Assistant (RA)</h3>

<p><strong>Mie University, Japan</strong> (Oct 2022 – Apr 2023)</p>

<ul>

<li>Instructor on Geotechnics and AutoCAD</li>

<li>Overseeing soil testing experiments</li>

</ul>

</article>

</section>

<section id="education">

<h2>Education</h2>

<ul>

<li><strong>PhD in Environmental Science and Technology</strong>, Mie University, Japan (2023)</li>

<li><strong>MSc in Environmental Science and Technology</strong>, Mie University, Japan (2019)</li>

<li><strong>BSc in Agricultural Engineering</strong>, Egerton University, Kenya (2013)</li>

</ul>

</section>

<section id="research">

<h2>Research & Publications</h2>

<ul>

<li>Correlation between one-dimensional consolidation coefficients and different basalt fiber lengths and RHA-cement contents in fiber-reinforced stabilized expansive soils. <a href="https://doi.org/10.1016/j.sandf.2023.101351" target="\_blank">Read more</a></li>

<li>The influence of basalt fiber filament length on shear strength development of chemically stabilized soils. <a href="https://doi.org/10.1016/j.conbuildmat.2023.130930" target="\_blank">Read more</a></li>

</ul>

</section>

<section id="contact">

<h2>Contact Me</h2>

<p>Email: <a href="mailto:owinoalex55@gmail.com">owinoalex55@gmail.com</a></p>

<p>Phone: +81 90-9225-5753</p>

<p>ORCID: [Link]</p>

</section>

</main>

<footer>

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</footer>

</body>

</html>