<!--

<script src="script.js"></script>

<script>

function openPopup() {

document.getElementById("popupForm").style.display = "block";

}

function closePopup() {

document.getElementById("popupForm").style.display = "none";

}

// Close the popup if the user clicks outside of it

window.onclick = function(event) {

var popup = document.getElementById("popupForm");

if (event.target == popup) {

popup.style.display = "none";

}

}

function handleFormSubmit(event) {

event.preventDefault(); // Prevent the default form submission

// Get the form values

const firstName = document.getElementById('firstname').value;

const lastName = document.getElementById('lastname').value;

const contact = document.getElementById('contact').value;

// Log the values to the console (for now)

console.log('First Name:', firstName);

console.log('Last Name:', lastName);

console.log('Contact:', contact);

// You can add code here to send the data to a server if needed

// Close the popup after submission

closePopup();

}

// Draw Fractal Tree

function drawTree(context, startX, startY, length, angle, depth, branchWidth) {

if (depth === 0) {

return;

}

const endX = startX + length \* Math.cos(angle);

const endY = startY + length \* Math.sin(angle);

context.lineWidth = branchWidth;

context.beginPath();

context.moveTo(startX, startY);

context.lineTo(endX, endY);

context.strokeStyle = '#03DAC5';

context.stroke();

drawTree(context, endX, endY, length \* 0.75, angle - Math.PI / 6, depth - 1, branchWidth \* 0.7);

drawTree(context, endX, endY, length \* 0.75, angle + Math.PI / 6, depth - 1, branchWidth \* 0.7);

}

function setupCanvas() {

const canvas = document.getElementById('fractalTreeCanvas');

const context = canvas.getContext('2d');

canvas.width = window.innerWidth;

canvas.height = window.innerHeight;

function draw() {

const scrollY = window.scrollY;

const maxDepth = Math.min(12, Math.floor(scrollY / 100));

context.clearRect(0, 0, canvas.width, canvas.height);

drawTree(context, canvas.width / 2, canvas.height - 80, 210, -Math.PI / 2, maxDepth, 10);

}

window.addEventListener('scroll', draw);

window.addEventListener('resize', () => {

canvas.width = window.innerWidth;

canvas.height = window.innerHeight;

draw();

});

draw(); // Initial draw

}

setupCanvas();

</script>

second section of the website that has the four sections with expertise

<div class="resume" id="resume">

<h3>My Expertise</h3>

<div class="skill-items">

<div class="item">

<div class="icon"><i class='bx bx-git-branch'></i></div>

<h4>Data Structures and Algorithms</h4>

<p>

Developed a strong understanding of fundamental data structures (arrays, linked lists, trees, graphs) and algorithms (sorting and searching).

</p>

</div>

<div class="item">

<div class="icon"><i class='bx bx-terminal'></i></div>

<h4>Programming</h4>

<p>

Worked with various coding languages including C, Java, Python, Javascript, Matlab, HTML, CSS, and SQL.

</p>

</div>

<div class="item">

<div class="icon"><i class='bx bx-code-alt'></i></div>

<h4>Artifial Intelligence</h4>

<p>

Focused time studying Artificial Intelligence, Machine Learning, and Deep Learning to understand how to apply these technologies to real-world problems.

</p>

</div>

<div class="item">

<div class="icon"><i class='bx bx-message-dots'></i></div>

<h4>Leadership and Teamwork</h4>

<p>

Utilize leadership to guide and inspire teams toward common goals, while employing effective teamwork to foster collaboration and achieve successful outcomes.

</p>

</div>

</div>

</div>

<!-- About Me Section

<div class="about" id="about">

<div class="left">

<canvas id="fractalTreeCanvas"></canvas>

</div>

<div class="right">

<h3>About Me</h3>

<p>

I'm Ian Dahlin, an aspiring software engineer with a passion for AI and web development. I enjoy exploring the intersection of technology and creativity to solve complex problems and build innovative solutions.

</p>

<p>

My journey in software development began with learning fundamental programming languages like C and Java, and I quickly expanded my skillset to include Python, JavaScript, HTML, CSS, and SQL. I am particularly interested in the fields of AI and machine learning, and I have worked on various projects that apply these technologies to real-world scenarios.

</p>

<p>

Outside of coding, I love engaging in activities that challenge my problem-solving abilities and foster continuous learning. Whether it's through competitive programming or building personal projects, I am always eager to expand my knowledge and skills.

</p>

</div>

</div>

<!-- Popup Form -->

<div id="popupForm" class="popup-form">

<div class="popup-content">

<span class="close" onclick="closePopup()">&times;</span>

<h3>Get In Touch</h3>

<form onsubmit="handleFormSubmit(event)">

<label for="firstname">First Name</label>

<input type="text" id="firstname" name="firstname" required>

<label for="lastname">Last Name</label>

<input type="text" id="lastname" name="lastname" required>

<label for="contact">Email or Phone Number</label>

<input type="text" id="contact" name="contact" required>

<button type="submit">Submit</button>

</form>

</div>

</div>

-->

CSS

.about {

    padding: 10px;

    display: flex;

    align-items: center;

    gap: 60px;

}

.about .left {

    background-color: var(--main-color);

    border-radius: 10px 10px 0 0;

}

.about .left img {

    width: 440px;

}

.about .right p {

    font-size: 16px;

    margin-top: 30px;

}

*/\* Popup Form \*/*

.popup-form {

    display: none;

    position: fixed;

    z-index: 999;

    left: 0;

    top: 0;

    width: 100%;

    height: 100%;

    overflow: auto;

    background-color: rgba(0, 0, 0, 0.5);

}

.popup-content {

    background-color: #fff;

    margin: 15% auto;

    padding: 20px;

    border: 1px solid #888;

    width: 80%;

    max-width: 500px;

    border-radius: 10px;

    position: relative;

}

.close {

    color: #aaa;

    float: right;

    font-size: 28px;

    font-weight: bold;

    position: absolute;

    right: 10px;

    top: 10px;

    cursor: pointer;

}

.close:hover,

.close:focus {

    color: black;

    text-decoration: none;

    cursor: pointer;

}

.popup-content h3 {

    margin-top: 0;

}

.popup-content form label {

    display: block;

    margin-top: 10px;

}

.popup-content form input {

    width: 100%;

    padding: 10px;

    margin-top: 5px;

    margin-bottom: 15px;

    border: 1px solid #ccc;

    border-radius: 5px;

}

.popup-content form button {

    width: 100%;

    padding: 10px;

    background-color: #4CAF50;

    color: white;

    border: none;

    border-radius: 5px;

    cursor: pointer;

}

.popup-content form button:hover {

    background-color: #45a049;

}

.about {

    display: flex;

    align-items: center;

    gap: 60px;

}

.about .left {

    flex: 1;

    display: flex;

    justify-content: center;

    align-items: center;

    position: relative;

}

.about .left canvas {

    width: 100%;

    height: 100%;

}

.about .right {

    flex: 1;

    padding: 20px;

}

.about .right h3 {

    color: var(--text-color-1);

}

.about .right p {

    color: var(--accent-color);

    font-size: 16px;

    margin-top: 30px;

}

#fractalTreeCanvas {

    width: 100%;

    height: 100%;

}

@media screen and (max-width: 768px) {

    .main {

        flex-direction: column; */\* Stack the left and right elements vertically \*/*

        align-items: center; */\* Center the elements \*/*

        padding-left: 20px; */\* Adjust left padding \*/*

        padding-right: 20px; */\* Adjust right padding \*/*

    }

    .main .left, .main .right {

        margin-bottom: 20px; */\* Add some space between the left and right sections \*/*

    }

    .main .right img {

        width: 100%; */\* Make the image responsive \*/*

        max-width: 400px; */\* Limit the image width \*/*

    }

}

.resume {

    background-color: var(--main-color);

    padding: 30px 85px 0;

}

.resume h3 {

    text-align: center;

    font-size: 45px; */\* Matches the portfolio font size \*/*

    color: var(--text-color-1); */\* Consistent color \*/*

    text-transform: uppercase; */\* Adds uppercase styling \*/*

    letter-spacing: 2px; */\* Uniform spacing between letters \*/*

    font-weight: 700; */\* Makes the text bold \*/*

    margin-bottom: 70px; */\* Adjusted margin for balance \*/*

    position: relative;

    line-height: 1.3; */\* Maintains readability \*/*

}

*/\* Decorative underline for the title \*/*

.resume h3::after {

    content: '';

    position: absolute;

    left: 50%;

    bottom: -10px; */\* Slightly closer to the text \*/*

    transform: translateX(-50%);

    width: 280px; */\* Slightly shorter width to fit the section \*/*

    height: 4px; */\* Thickness of the underline \*/*

    background: linear-gradient(to right, var(--accent-color), var(--text-color-1));

    border-radius: 2px; */\* Rounded edges for a subtle effect \*/*

}

.resume .skill-items {

    display: flex;

    margin-top: 70px;

    gap: 30px;

}

.resume .skill-items .item {

    background-color: var(--accent-color);

    width: 25%;

    border: 2px solid var(--text-color-1);

    border-radius: 10px;

    padding: 32px;

    cursor: pointer;

    transition: all 0.3s ease;

    height: 250px; */\* Fixed height \*/*

    overflow: hidden; */\* Ensures no content overflow \*/*

    position: relative;

}

.resume .skill-items .item:hover {

    border-bottom: 10px solid #fff;

    transform: scale(1.05); */\* Expanding the box \*/*

}

.resume .skill-items .item .icon {

    display: flex;

    align-items: center;

    justify-content: center;

    background-color: #fff;

    width: 46px;

    height: 46px;

    border-radius: 10px;

    margin-bottom: 22px;

    box-shadow: 0 0 16px rgba(152, 75, 75, 0.1);

    transition: transform 0.3s ease; */\* Smooth transition for rotation \*/*

}

.resume .skill-items .item:hover .icon {

    transform: rotate(360deg); */\* Icon rotates \*/*

}

.resume .skill-items .item h4,

.portfolio .portfolio-items .item .info h4 {

    font-size: 18px;

}

.resume .skill-items .item p {

    margin-top: 20px;

    margin-bottom: 10px;

    font-size: 14px;

    line-height: 22px;

    color: var(--text-color-1);

}