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<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title> Nicolas Capetillo - Portfolio</title>
  <link rel="stylesheet" href="style.css">
</head>

<body>
  <nav class="navbar">
    <div class="logo-container">
      <div class="slide-in-text">My<span
class="bluetext">Portfolio</span></div>
    </div>
    <ul>
      <li><a href="#Homepage" class="nav-item1">Homepage</a></li>
      <li><a href="#About-Me" class="nav-item2">About Me</a></li>
      <li><a href="#Projects" class="nav-item3">Projects</a></li>
      <li><a href="#Contact" class="nav-item4">Contact Me</a></li>
    </ul>
  </nav>

  <div class="container">
    <div class="screen active" id="Homepage">
      <div class="Homepage-content">
        <div class="text-section">
          <div class="text1">Hello, my <span
class="alt-text">name </span>is</div>
          <div class="text2">Nicolas <span
class="alt-text">Capetillo</span></div>
          <div class="text3">I'm a <span
class="alt-text">Computer Engineering </span>Student.</div>
          <div class="btn-container">
            <a target="_blank" href="Files/Resume - Sophomore
2025 - Printed.pdf">
              <button id="resume-btn">Download my
Resume</button>
            </a>
          </div>
        </div>
      </div>
    </div>
  </div>

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        <a target="_blank" href="Files/">
            <button id="CV-btn">Download my CV</button>
        </a>
    </div>
</div>

<!-- Right side: Image-->
    <div class="image-section">
        
    </div>
</div>
</div>

<!-- About Me Section-->
<div class="screen" id="About-Me">
    <div class="About-Me-Content">
        <div class="About-Me-Text">
            <p> Hi, I'm Nicolas Capetillo! I'm a second-year
Computer
Engineering student at Texas Tech University with
a
passion for robotics and hardware applications. My
projects range from robotics
and automation to programming and hardware
applications,
where I enjoy combining creativity with technical
skills
to bring ideas to life. Outside of academics, I'm
involved
in student organizations that let me collaborate
with others and explore
professional and academic opportunities. These
organizations include
the Society of Hispanic Professional Engineers,
Robotics and Advanced
Tech Society, and the Hispanic Student Society.
This website is my portfolio, which I am using as
a space to share my work,

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        track my progress, and showcase the projects that
represent my journey as
        an engineer in the making.
    </p>

    <a href="#Projects">
        <button id="projects-btn"
class="ViewProjects-btn">View my projects</button>
    </a>

</div>

<div class="About-Me-Image">
    
</div>
</div>
</div>

<!-- Projects Page -->
<div class="screen" id="Projects">
    <div class="Projects-Content">
        <div class="Page-Text">
            <h2 class="Intro-Text">
                Welcome to my projects page. This page displays
                my experience in working with various programming
languages.

            </h2><br>

            <h3 class="Intro-Text">
                Over the past two years I have developed
expereince in

                C/C++, Python, Arduino, HTML, JavaScript, and CSS.
            </h3><br>
        </div>
        <div class="JS-HTML-CSS-Projects">
            <h2 id="code-name-text">
                JavaScript/HTML/CSS Projects:
            </h2><br>

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<h3 id="Project-Titles">
    Texas Tech Quiz Game
</h3><br>

<p id="project-explanation">
    Texas Tech Quiz Game is a trivia based website
that I made using HTML, CSS, and Javascript.
    Test out your knowledge and see how much you know
about our great campus.
    This project helped me strengthen my foundations
in all three of these programming languages
    which helped me develop this portfolio over time.
Scroll down to see the individual files displaying
    my coding struture for this project.
</p> <br>

<iframe
src="https://nicolasc16.github.io/NicolasC16.QuizGame.github.io/"
width="600px" height="400px" title="Quiz Game"></iframe><br>

<h3 id="Code-Documents">Quiz Game HTML Code</h3>
<iframe src="Files/Quiz Game HTML.pdf" width="400px"
height="500px" title="Quiz Game HTML"></iframe><br>

<h3 id="Code-Documents">Quiz Game CSS Code</h3>
<iframe src="Files/Quiz Game CSS.pdf" width="400px"
height="500px" title="Quiz Game HTML"></iframe><br>

<h3 id="Code-Documents">Quiz Game JavaScript Code</h3>
<iframe src="Files/Quiz Game Java Script.pdf"
width="400px" height="500px" title="Quiz Game HTML"></iframe><br>

<h3 id="Project-Titles">
    MyPortfolio
</h3><br>

<p id="project-explanation">
    MyPortfolio is a digital portfolio demonstrating
my skills with HTML/CSS/JavaScript.
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        This portfolio has all information about myself,
my skills, and my knowledge in programming
        and hardware applications.
    </p><br>

    <h3
id="Code-Documents">MyPortfolio HTML Code</h3>
    <iframe src="Files/Portfolio HTML.pdf" width="400px"
height="500px" title="MyPortfolio HTML"></iframe>

    <h3 id="Code-Documents">MyPortfolio CSS Code</h3>
    <iframe src="Files/Portfolio CSS.pdf" width="400px"
height="500px" title="MyPortfolio CSS"></iframe>

    <h3 id="Code-Documents">MyPortfolio JavaScript
Code</h3>
    <iframe src="Files/Portfolio JavaScript (1).pdf"
width="400px" height="500px" title="MyPortfolio JavaScript"></iframe>

</div>

<div class="Python Projects">
    <h2 id="code-name-text">Python Projects</h2><br>

    <h3 id="Project-Titles">Mystery Digits</h3><br>
    <video src="Videos/Mystery Digits Recording.mp4"
width="600px" height="400px" controls="controls"></video><br><br>
    <p id="project-explanation">
        Mystery Digits is a game that I made using
python/pygame. This project was used my freshman year for my
        HONS 1301 course where I was tasked with
demonstrating how humans interact with machines in a way that
        corresponds with my major. While this game may
look like a normal number guessing game at first, it was
        programmed to be impossible to win. I did this to
talk about the topic of my project which was how humans
        would interact with a cheating system. Below is
the files detailing the structure of my code.
    </p> <br>

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        <h3 id="Code-Documents">Mystery Digits.py</h3>
        <p id="project-explanation">Manages the main game loop
and menu system.</p><br>
        <iframe src="Files/Mystery Digits.py.pdf"
width="400px" height="500px"></iframe><br>

        <h3 id="Code-Documents">Menu.py</h3>
        <p id="project-explanation">Contains all menu classes
and game logic for round 1.</p><br>
        <iframe src="Files/menu.py.pdf" width="400px"
height="500px"></iframe><br><br>

        <h3 id="Code-Documents">Game.py</h3>
        <p id="project-explanation">Entry point of the game.
This file begins the application.</p>
        <iframe src="Files/Game.py.pdf" width="400px"
height="500px"></iframe><br><br>

    </div>

    <div class="C-Cpp-Projects">
        <h2 id="code-name-text">
            C/C++ Projects:
        </h2><br>
        <h3 id="Project-Titles">Traffic Lights Project</h3>
        <video src="Videos/Stop Light Project.mp4",
width="600px" height="400px" controls="controls"></video><br><br>
        <p id="project-explanation">This project was created
using arduino hardware and software. The basis of this project
was to program an arduino board to simulate the
traffic lights at the intersection of
two streets.
        </p><br>
        <h3 id="Code-Documents">Hardware Diagram/Code
Structure</h3>
        <iframe src="Files/ECE 2305 - Hardware Project 01.pdf"
width="400px" height="500px"></iframe><br>

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        <h3 id="Project-Titles">7 Segment Display
Project</h3><br>
        <video src="Videos/Button.mp4" width="600px"
height="400px" controls="controls"></video><br>
        <p id="project-explanation"> The purpose of this
project was to program an Arduino board to accept a 4-bit binary input and
display the
        numerical value (0 to 9) on a 7-Segment LED
display.

        </p><br>
        <iframe src="Files/ECE 2305 - Hardware Project 02.pdf"
width="400px" height="500px"></iframe><br>

        <h3 id="Project-Titles">Digital VU Meter</h3><br>
        <video src="Videos/Digital Meter.mp4" width="600px"
height="400px" controls="controls"></video><br>
        <p id="project-explanation">
        The purpose of this project was to program an
arduino board to accept an analog input voltage and
        display the magnitude of the voltage using a 10
LED display.

        </p><br>
        <iframe src="Files/ECE 2305 - Hardware Project 03.pdf"
width="400px" height="500px"></iframe><br>

        </div>
    </div>
</div>

<!-- Contact Page -->
<div class="screen" id="Contact">
    <div class="contact-form-container">
        <h2>Contact Me <a
href="mailto:nicolascapetillo2023@yahoo.com" title="Click to send me an
email.">*This does not work at the moment*</a></h2>
        <form id="contactForm">
            <div class="form-group">
                <label for="name">Name</label>

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        <input type="text" id="name" name="name"
placeholder="Your Name" required>
        <span class="error-message" id="nameError"></span>
    </div>
    <div class="form-group">
        <label for="email">Email</label>
        <input type="email" id="email" name="email"
placeholder="Your Email" required>
        <span class="error-message"
id="emailError"></span>
    </div>
    <div class="form-group">
        <label for="phone">Phone</label>
        <input type="tel" id="phone" name="phone"
placeholder="Your Phone Number" required>
        <span class="error-message"
id="phoneError"></span>
    </div>
    <div class="form-group">
        <label for="message">Message</label>
        <textarea id="message" name="message"
placeholder="Your Message" rows="5" required></textarea>
        <span class="error-message"
id="messageError"></span>
    </div>
    <button type="submit" class="submit-button">Send
Message</button>
    </form>
</div>
</div>

<!-- External JavaScript -->
<script src="script.js"></script>
</body>
</html>

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