

HTML CODE

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Computer Science Department - University</title>
  <link rel="stylesheet" href="style.css">
  <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.0.0/css/all.min.css" rel="stylesheet">
</head>
<body>
  <header class="header">
    <div class="container">
      <div class="header-content">
        <div class="logo">
          <i class="fas fa-graduation-cap"></i>
          <h1>Computer Science Department</h1>
        </div>
        <nav class="nav">
          <a href="#faculty">Faculty</a>
          <a href="#courses">Courses</a>
          <a href="#research">Research</a>
          <a href="#contact">Contact</a>
        </nav>
      </div>
    </div>
  </header>

  <main>
    <section class="hero">
      <div class="container">
        <div class="hero-content">
```

```

        <h2>Welcome to Our Department</h2>
        <p>Advancing knowledge through innovative research and
exceptional education in computer science.</p>
        
    </div>
</div>
</section>

<section id="faculty" class="faculty-section">
    <div class="container">
        <h2><i class="fas fa-users"></i> Faculty Spotlight</h2>
        <div class="faculty-grid">
            <div class="faculty-card">
                <div class="faculty-header" onclick="toggleAccordion(this)">
                    
                    <div class="faculty-info">
                        <h3>Dr. Sarah Johnson</h3>
                        <p>Professor of Artificial Intelligence</p>
                    </div>
                    <i class="fas fa-chevron-down accordion-icon"></i>
                </div>
                <div class="faculty-content">
                    <p><strong>Research Areas:</strong> Machine Learning,
Neural Networks, Computer Vision</p>
                    <p><strong>Education:</strong> Ph.D. in Computer Science,
MIT</p>
                    <p><strong>Publications:</strong> 50+ peer-reviewed papers
in top-tier conferences</p>
                </div>
            </div>

```

</div>

<div class="faculty-card">

<div class="faculty-header" onclick="toggleAccordion(this)">

<div class="faculty-info">

<h3>Dr. Michael Chen</h3>

<p>Associate Professor of Software Engineering</p>

</div>

<i class="fas fa-chevron-down accordion-icon"></i>

</div>

<div class="faculty-content">

<p>Research Areas: Software Architecture, Distributed Systems, Cloud Computing</p>

<p>Education: Ph.D. in Computer Science, Stanford University</p>

<p>Industry Experience: Former Senior Engineer at Google</p>

</div>

</div>

<div class="faculty-card">

<div class="faculty-header" onclick="toggleAccordion(this)">

<div class="faculty-info">

<h3>Dr. Emily Rodriguez</h3>

<p>Assistant Professor of Cybersecurity</p>

</div>

<i class="fas fa-chevron-down accordion-icon"></i>

```
</div>
<div class="faculty-content">
  <p><strong>Research Areas:</strong> Network Security,
  Cryptography, Privacy Protection</p>
  <p><strong>Education:</strong> Ph.D. in Computer Science,
  Carnegie Mellon University</p>
  <p><strong>Awards:</strong> NSF CAREER Award
  Recipient</p>
</div>
</div>
</div>
</div>
</section>
```

```
<section id="courses" class="courses-section">
  <div class="container">
    <h2><i class="fas fa-book"></i> Course Catalog</h2>
    <div class="table-container">
      <table class="courses-table">
        <thead>
          <tr>
            <th>Course Code</th>
            <th>Course Title</th>
            <th>Credits</th>
            <th>Prerequisites</th>
            <th>Instructor</th>
          </tr>
        </thead>
        <tbody>
          <tr>
            <td>CS 101</td>
            <td>Introduction to Programming</td>
            <td>3</td>
            <td>None</td>
            <td>Dr. Johnson</td>
          </tr>
        </tbody>
      </table>
    </div>
  </div>
</section>
```

```

</tr>
<tr>
  <td>CS 201</td>
  <td>Data Structures & Algorithms</td>
  <td>4</td>
  <td>CS 101</td>
  <td>Dr. Chen</td>
</tr>
<tr>
  <td>CS 301</td>
  <td>Database Systems</td>
  <td>3</td>
  <td>CS 201</td>
  <td>Dr. Rodriguez</td>
</tr>
<tr>
  <td>CS 401</td>
  <td>Machine Learning</td>
  <td>4</td>
  <td>CS 201, MATH 220</td>
  <td>Dr. Johnson</td>
</tr>
<tr>
  <td>CS 450</td>
  <td>Software Engineering</td>
  <td>3</td>
  <td>CS 301</td>
  <td>Dr. Chen</td>
</tr>
<tr>
  <td>CS 480</td>
  <td>Cybersecurity</td>
  <td>3</td>
  <td>CS 301</td>
  <td>Dr. Rodriguez</td>

```

```
        </tr>
      </tbody>
    </table>
  </div>
</div>
</section>
```

```
<section id="research" class="research-section">
  <div class="container">
    <h2><i class="fas fa-flask"></i> Research Areas</h2>
    <div class="research-grid">
      <div class="research-card">
        <div class="research-icon">
          <i class="fas fa-brain"></i>
        </div>
        <h3>Artificial Intelligence</h3>
        <p>Cutting-edge research in machine learning, deep learning,
and neural networks to solve complex real-world problems.</p>
      </div>
      <div class="research-card">
        <div class="research-icon">
          <i class="fas fa-shield-alt"></i>
        </div>
        <h3>Cybersecurity</h3>
        <p>Advanced security protocols, cryptography, and privacy
protection systems for the digital age.</p>
      </div>
      <div class="research-card">
        <div class="research-icon">
          <i class="fas fa-code"></i>
        </div>
        <h3>Software Engineering</h3>
        <p>Innovative approaches to software development, testing,
and maintenance for large-scale systems.</p>
      </div>
    </div>
  </div>
```

```
<div class="research-card">
  <div class="research-icon">
    <i class="fas fa-database"></i>
  </div>
  <h3>Data Science</h3>
  <p>Big data analytics, data mining, and statistical modeling to
extract insights from complex datasets.</p>
</div>
</div>
</div>
</section>
</main>
```

```
<footer id="contact" class="footer">
  <div class="container">
    <div class="footer-content">
      <div class="footer-section">
        <h3><i class="fas fa-map-marker-alt"></i> Contact
Information</h3>
        <p>Computer Science Department</p>
        <p>University Building, Room 301</p>
        <p>123 University Ave, City, State 12345</p>
      </div>
      <div class="footer-section">
        <h3><i class="fas fa-phone"></i> Get in Touch</h3>
        <p>Phone: 8086204350</p>
        <p>Email: cs-dept@university.edu</p>
        <p>Fax: 8086520435</p>
      </div>
      <div class="footer-section">
        <h3><i class="fas fa-clock"></i> Office Hours</h3>
        <p>Monday - Friday: 9:00 AM - 5:00 PM</p>
        <p>Saturday: 10:00 AM - 2:00 PM</p>
        <p>Sunday: Closed</p>
      </div>
    </div>
  </div>
</footer>
```

```
        </div>
        <div class="footer-bottom">
            <p>&copy; 2024 University Computer Science Department. All
rights reserved.</p>
        </div>
    </div>
</footer>

<script src="script.js"></script>
</body>
</html>
```

CSS CODE-

Style.css

```
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

body {
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    line-height: 1.6;
    color: #333;
    background-color: #f8f9fa;
}

.container {
    max-width: 1200px;
    margin: 0 auto;
    padding: 0 20px;
}

/* Header Styles */
.header {
```



```
background: linear-gradient(135deg, #1e3c72 0%, #2a5298 100%);
color: white;
padding: 1rem 0;
box-shadow: 0 2px 10px rgba(0,0,0,0.1);
}
```

```
.header-content {
  display: flex;
  justify-content: space-between;
  align-items: center;
  flex-wrap: wrap;
}
```

```
.logo {
  display: flex;
  align-items: center;
  gap: 15px;
}
```

```
.logo i {
  font-size: 2rem;
  color: #ffd700;
}
```

```
.logo h1 {
  font-size: 1.8rem;
  font-weight: 600;
}
```

```
.nav {
  display: flex;
  gap: 30px;
}
```

```
.nav a {
```

```
    color: white;
    text-decoration: none;
    font-weight: 500;
    padding: 8px 16px;
    border-radius: 5px;
    transition: background-color 0.3s ease;
}
```

```
.nav a:hover {
    background-color: rgba(255,255,255,0.2);
}
```

```
/* Hero Section */
```

```
.hero {
    background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
    color: white;
    padding: 4rem 0;
    text-align: center;
}
```

```
.hero-content h2 {
    font-size: 3rem;
    margin-bottom: 1rem;
    font-weight: 700;
}
```

```
.hero-content p {
    font-size: 1.2rem;
    margin-bottom: 2rem;
    max-width: 600px;
    margin-left: auto;
    margin-right: auto;
}
```

```
.hero-image {
```

```
    max-width: 100%;  
    height: 300px;  
    object-fit: cover;  
    border-radius: 15px;  
    box-shadow: 0 10px 30px rgba(0,0,0,0.3);  
}
```

```
/* Faculty Section */  
.faculty-section {  
    padding: 4rem 0;  
    background-color: white;  
}
```

```
.faculty-section h2 {  
    text-align: center;  
    font-size: 2.5rem;  
    margin-bottom: 3rem;  
    color: #2c3e50;  
}
```

```
.faculty-section h2 i {  
    color: #3498db;  
    margin-right: 15px;  
}
```

```
.faculty-grid {  
    display: grid;  
    grid-template-columns: repeat(auto-fit, minmax(350px, 1fr));  
    gap: 2rem;  
}
```

```
.faculty-card {  
    background: white;  
    border-radius: 15px;  
    box-shadow: 0 5px 20px rgba(0,0,0,0.1);
```

```
    overflow: hidden;
    transition: transform 0.3s ease, box-shadow 0.3s ease;
}

.faculty-card:hover {
    transform: translateY(-5px);
    box-shadow: 0 10px 30px rgba(0,0,0,0.15);
}

.faculty-header {
    display: flex;
    align-items: center;
    padding: 1.5rem;
    cursor: pointer;
    background: linear-gradient(135deg, #f8f9fa 0%, #e9ecef 100%);
}

.faculty-header img {
    width: 80px;
    height: 80px;
    border-radius: 50%;
    object-fit: cover;
    margin-right: 1rem;
}

.faculty-info h3 {
    color: #2c3e50;
    font-size: 1.3rem;
    margin-bottom: 0.5rem;
}

.faculty-info p {
    color: #7f8c8d;
    font-weight: 500;
}
```

```
.accordion-icon {  
  margin-left: auto;  
  color: #3498db;  
  transition: transform 0.3s ease;  
}
```

```
.faculty-content {  
  padding: 0 1.5rem;  
  max-height: 0;  
  overflow: hidden;  
  transition: max-height 0.3s ease, padding 0.3s ease;  
}
```

```
.faculty-content.active {  
  max-height: 300px;  
  padding: 1.5rem;  
}
```

```
.faculty-content p {  
  margin-bottom: 1rem;  
  color: #555;  
}
```

```
.faculty-content strong {  
  color: #2c3e50;  
}
```

/* Courses Section */

```
.courses-section {  
  padding: 4rem 0;  
  background: linear-gradient(135deg, #f8f9fa 0%, #e9ecef 100%);  
}
```

```
.courses-section h2 {
```

```
text-align: center;
font-size: 2.5rem;
margin-bottom: 3rem;
color: #2c3e50;
}
```

```
.courses-section h2 i {
  color: #e74c3c;
  margin-right: 15px;
}
```

```
.table-container {
  background: white;
  border-radius: 15px;
  overflow: hidden;
  box-shadow: 0 5px 20px rgba(0,0,0,0.1);
}
```

```
.courses-table {
  width: 100%;
  border-collapse: collapse;
}
```

```
.courses-table th {
  background: linear-gradient(135deg, #34495e 0%, #2c3e50 100%);
  color: white;
  padding: 1rem;
  text-align: left;
  font-weight: 600;
}
```

```
.courses-table td {
  padding: 1rem;
  border-bottom: 1px solid #ecf0f1;
}
```

```
.courses-table tr:hover {  
  background-color: #f8f9fa;  
}
```

```
.courses-table tr:last-child td {  
  border-bottom: none;  
}
```

```
/* Research Section */  
.research-section {  
  padding: 4rem 0;  
  background-color: white;  
}
```

```
.research-section h2 {  
  text-align: center;  
  font-size: 2.5rem;  
  margin-bottom: 3rem;  
  color: #2c3e50;  
}
```

```
.research-section h2 i {  
  color: #9b59b6;  
  margin-right: 15px;  
}
```

```
.research-grid {  
  display: grid;  
  grid-template-columns: repeat(auto-fit, minmax(280px, 1fr));  
  gap: 2rem;  
}
```

```
.research-card {  
  background: white;
```

```
padding: 2rem;
border-radius: 15px;
text-align: center;
box-shadow: 0 5px 20px rgba(0,0,0,0.1);
transition: transform 0.3s ease, box-shadow 0.3s ease;
}
```

```
.research-card:hover {
  transform: translateY(-5px);
  box-shadow: 0 10px 30px rgba(0,0,0,0.15);
}
```

```
.research-icon {
  width: 80px;
  height: 80px;
  margin: 0 auto 1.5rem;
  background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
  border-radius: 50%;
  display: flex;
  align-items: center;
  justify-content: center;
}
```

```
.research-icon i {
  font-size: 2rem;
  color: white;
}
```

```
.research-card h3 {
  color: #2c3e50;
  font-size: 1.5rem;
  margin-bottom: 1rem;
}
```

```
.research-card p {
```



```
    color: #7f8c8d;
    line-height: 1.6;
}

/* Footer */
.footer {
    background: linear-gradient(135deg, #2c3e50 0%, #34495e 100%);
    color: white;
    padding: 3rem 0 1rem;
}

.footer-content {
    display: grid;
    grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
    gap: 2rem;
    margin-bottom: 2rem;
}

.footer-section h3 {
    margin-bottom: 1rem;
    color: #ffd700;
}

.footer-section h3 i {
    margin-right: 10px;
}

.footer-section p {
    margin-bottom: 0.5rem;
    color: #bdc3c7;
}

.footer-bottom {
    text-align: center;
    padding-top: 2rem;
}
```

```
border-top: 1px solid #34495e;  
color: #95a5a6;  
}
```

```
/* Responsive Design */
```

```
@media (max-width: 768px) {
```

```
  .header-content {  
    flex-direction: column;  
    gap: 1rem;  
  }
```

```
  .nav {  
    gap: 15px;  
  }
```

```
  .hero-content h2 {  
    font-size: 2rem;  
  }
```

```
  .faculty-grid {  
    grid-template-columns: 1fr;  
  }
```

```
  .research-grid {  
    grid-template-columns: 1fr;  
  }
```

```
  .table-container {  
    overflow-x: auto;  
  }
```

```
  .courses-table {  
    min-width: 600px;  
  }  
}
```

