# Dheekshanya Senthamilselvan

136 Providence Lane Lansdale, 19446
dsenthamilselvan130@gmail.com • (484) 253-8073

## Education

**Drexel University**                                                                                      Philadelphia, PA
Computer Science                                                                                           09/2023 - Current
- Honors Program [Pennoni Honors College]
- Exelon Endowed Scholarship Recipient
- Completed AP course in Computer Science [5]
- TechServ Member
- Women in Computing Society Member

**Radnor High School [GPA 4.2]**                                                                            Wayne, PA
- Graduated with Honors                                                                                     June 2023
- National Honors Society

## Training and Development

**Drexel Development Camp:**
Focused on HTML, CSS, and JavaScript. Presented a self-designed personal project, showcasing applied skills and knowledge acquired during the camp.

**Summer Mentorship/Internship:**
Internship under the mentorship of Roberta Winters (Ex-President of the League of Women Voters of Radnor Township). Presented research findings during a televised interview for a local channel.

**Girls Who Code:**
Focus on mastering HTML/CSS and JavaScript. A personal website project predominantly utilizing HTML/CSS. Personal project specifically centered around JavaScript development.

**Community College of Philadelphia:**
Completed a computer video gaming course during the summer of 2022 at the Community College of Philadelphia, focusing on programming in C#. Project in C# that dynamically generated interactive stories based on user inputs.

## Project Showcase

**Personal Website [HTML/CSS]:**
- Crafted as a comprehensive repository of my portfolio, showcases details about myself, my projects (listed below), and accomplishments.
- Served as my inaugural venture into coding, this project offered an invaluable starting point.
- Continuously evolving, this platform remains a perpetual work in progress as I consistently integrate new projects.

**Activist Website [HTML/CSS]:**
- Developed a website aimed at raising societal awareness regarding the adverse impact of e-waste.
- Through this project, I honed my abilities in creating fully customized digital platforms, demonstrating an enriched skill set in website construction and design.

**Personality Quiz [JavaScript]:**

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- Engaged in the development of an introductory website designed to analyze users' personalities based on their selections.
- I am dedicated to expanding this project's capabilities to cater to a wider audience. My ongoing focus involves extensive research into formulating insightful inquiries that accurately assess personalities while maintaining a strong emphasis on safeguarding user data and privacy.

## Cracking Caesar [Python]:
- Developed a Caesar's Cipher program proficient in both encryption and decryption of messages.
- The subsequent project related to this cipher system involves a brute force approach, capable of cracking the code without prior knowledge of the correct key.

## Skills

- **Technical Skills:**
  <u>Java:</u> Experienced with methods and Classes (Encapsulation, Inheritance, Polymorphism
  <u>Python:</u> Intermediate skills using Arrays, Classes/Objects, Inheritance, and Polymorphism.
  <u>JavaScript:</u> Experienced in basic JavaScript including functions, events, and if else statements.
  <u>HTML/CSS:</u> Intermediate with skills in Graphics and Media. Advanced CSS techniques that include incorporating media.

- **Problem Solving**
- **Dependable and Responsible**
- **Analytical and Critical Thinking**
- **Teamwork and Collaboration**