

# Lasyasri Shilpi

shilpilasya@tamu.edu | 832-296-6014 | [in/lasyasrishilpi/](https://in.lasyasrishilpi/)

## Education

**Texas A&M University**, College Station, Texas  
Bachelor of Computer Science

Expected: May 2024  
Major GPA: 4.0 Cumulative GPA: 3.75

## Skills

Programming languages: C++, Python libraries Django, Java, MATLAB, HTML/CSS, SQL, JavaScript, React.js

## Experience

### F5, Software Engineering Apprentice

May 2022-August 2022

- Collaborated with engineering teams to assist in the development of tools and automation that support our customer facing organizations to achieve cross-functional outcomes
- Utilized full stack development and added additional API requests in order to develop an advanced search framework for employees to search needed information easily

### SEC Directed Internship, Texas A&M University

July 2021- August 2021

#### Project Intern

- Delegated roles in a 5-member engineering multidisciplinary team to efficiently create a solution that provides sustainable energy to areas that are constantly threatened by natural disasters
- Implemented tools such as HTML and CSS to create a website to present along with our product
- Created financial tools to estimate sales plan, income statement, and revenue projection for a potential company

### CLEN 181 Peer Mentor, Texas A&M University

August 2021 – December 2021

#### Undergraduate Teaching Assistant

- Assisted 30 engineering students entering college with their professional and academic goals by planning and implementing teaching and integration exercises and interacting with students one-on-one to discuss relevant curriculum
- Prepared and led students for their future endeavors in Texas A&M University by providing mentorship, programs, and aid with entry to major (ETAM) applications

### Innovation X- Research Project, Texas A&M University

September 2020 – February 2021

#### Research Assistant

- Utilized data science to collect information from Bryan, College Station by working with data visualization tools
- Working with a multidisciplinary team to develop an intelligent spatial decision support system based on citizen science for driving resilience in Coastal Communities

### Code Ninja, Remote

July 2020 – September 2020

#### Summer Intern

- Developed new python curriculum for beginners in coding and increased their proficiency in libraries such as NumPy and Pandas
- Mentored and coached 5 students across the United States and assisted them with their final python projects

## ACTIVITIES

### Vex-U, Texas A&M University

August 2020 – Present

#### Project Manager

- Programmed autonomous robot features using C++ to navigate through obstacles and used artificial intelligence to complete coordination task

### AWICS, Texas A&M University

August 2021 - Present

#### Workshops Officer

- Led technical and non-technical workshops such as "Intro to Data Structures" and "Interview Prep 101" to improve professional and programming skills

## LEADERSHIP

### Red Cross, Bridgeland High School

August 2018-May 2020

#### Chapter Founder

- Founded Red Cross chapter to provide aid to members of my community by organizing community events such as canned food drives, assistance at retirement centers and feeding the homeless

## AWARDS

- NCWIT (National Center for Woman and Information Technology)-Award for Aspirations in Computing
- Distinguished Student Award, Academic Excellence Award