

Miriam Espino Cambron

Undergraduate Student

I am currently a student at Eastern Connecticut State University majoring in computer science. I aspire to become a software engineer. My life objective is to one day start my own technology start up and an organization that will provide low-income students with advanced technologies.

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 miriamxx.github.io/portfolio/

 github.com/miriamxx

EDUCATION

Cross Keys High School

High school preparatory diploma

08/2013 – 05/2017

Brookhaven, GA GPA: 3.7

- Throughout high school, I was an active student in and outside of class. I joined after school clubs that allowed me to expand my leadership skills. These clubs include: Future Business Leaders of America (FBLA), Girls Who Code, Tennis Club, French Club, National Honors Society, and Yearbook.

Georgia State University Perimeter College

Undergraduate Computer Science Student

08/2017 – 05/2018

Atlanta, GA GPA: 3.8

- I began my freshman year of college at Georgia State Perimeter College. Due to the effort I put in my studies I earned the Presidents List for the 2017 Fall semester and the Dean's List for the 2018 Spring semester. After completing prerequisite courses at Perimeter College, I transferred to Eastern Connecticut State University.

Eastern Connecticut State University

Undergraduate Computer Science and Mathematics Student

08/2018 – Present

Willimantic, CT GPA: 3.77

- I am currently a student and a scholar of TheDream.US at Eastern Connecticut State University. My goal is to graduate from Eastern with a bachelors in Computer Science

WORK EXPERIENCE

Retail Volunteer

Suther's Center for Christian Outreach

01/2016 – Present

Chamblee, GA

Suther's Center for Christian Outreach is a charity thrift shop store that helps feed the local community with food. Every Monday, the money that the store makes goes to purchasing fresh meats, fruits, and vegetables to feed the need on Tuesdays and Fridays. I volunteer once a month organizing the donations we receive as well as assisting our customers.

OAS Success Coach and Assistant

01/2019 – Present

Willimantic, CT

Office of AccessAbility Services at Eastern

Eastern offers a support program for students with disabilities. Depending on the students needs, I work with them to help guide them through school related stress, test preparation, time management, procrastination, and social skills such as communicating effectively with professors and their peers. Students are able to register for an academic or social skill building session with success coaches.

HACKATHONS

YHack

Yale University Organized Major League Hackathon

New Haven, CT

- Scholarr Web Application

For this hackathon, my team and I developed a scholarship website targeted for dreamers and undocumented students. Our team integrated a smart engine using a database provided by a organization. View: <https://miriam24729.wixsite.com/scholarr>

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Nonprofit Organization

Atlanta, GA

- North Central Atlanta Habitat for Humanity Website

I was a volunteer at the 2017 48in48 nonprofit web development event held in Atlanta where I redesigned the North Central Atlanta's Habitat for Humanity. My team that consisted of developers from Moxie and I placed 2nd out of about 40+ teams.

PROJECTS

Scholarr

Scholarship Web Application

Scholarr is a website that integrates a smart search engine that allows Dreamers - DACA recipients - and undocumented students access to a wide variety of scholarships that they are eligible for. Depending on their location, major, and their DACA or non-DACA status Scholarr matches them with scholarships from our database. Visit: <https://miriam24729.wixsite.com/scholarr>

Mean Girls Network and Sentiment Analysis

Summer Research using R and Gephi

At the Network Science Summer Research Institute held at Eastern Connecticut State University, students and I learned about Network Science. My group modeled the interactions of characters in the movie Mean Girls using a script. We used sentiment analysis to observe whether some characters were more positive or negative than others. I helped create an edge list using R to demo network graphs of the communities in the movie Mean Girls. Visit: <https://docs.google.com/presentation/d/1DwpO6ylgWvI93M6JoWtJPBj6bMPbQVDzycq74zT24bk/edit#slide=id.p>

Aegir Smartpen

Testing smart technology to develop a user friendly manual

Smart technology such as the Aegir Smartpens are provided to students who are registered under the Office of AccessAbility. Many students find it useful to have step by step instructions. I tested the smartpen using the provided application and instructions. I learned that the Aegir Smartpen would work best on iPhones. On Android phones, the Aegir App would crash. Then, I developed a user friendly step by step user guide. Throughout the process I learned how effective it is to test technology first and making sure our students have a smooth experience with their smartpens.

PROJECTS

North Central Atlanta's Habitat for Humanity Website

48in48 Nonprofit Web Application

My team "Moxie" redesigned the Habitat for Humanity website for North Central Atlanta. We worked together -- for 48 hours -- to showcase the amazing work that Habitat for Humanity does in building homes for families. For example, we made sure we provided was an appealing look for their website and an easier way for donors to donate money. Visit: <http://www.habitat-ncg.org>

Cross Keys FBLA

Web Application for a school club

I was the public relations officer and website developer my school's FBLA chapter during my senior year of high school. I developed a functional website that displays the mission of our club as well as educational events and images from the conferences and competitions we attended. Visit: <https://ckhs.github.io/fbla/home.html>

FBLA Arcade Entertainment Website

Regional Web Design Competition

Glowzone is a Arcade entertainment that features the latest arcade games, a point system, membership options, and a food menu. For this solo regional competition I placed 2nd amongst 90 DeKalb County schools. View: <https://ckhs.github.io/glowzone/>

ORGANIZATIONS

Student Government Association

Social Issues Committee Head and Delegate

SGA is a club that is well known by many universities and colleges across the nation. Our mission is "students serving students." The board works to address issues across the Eastern Ct campus.

Girls Who Code College loops

President

SGA is a club that is well known by many universities and colleges across the nation. Our mission is "students serving students." The board works to address issues across the Eastern Ct campus.

LANGUAGES

Spanish

English

French

VOLUNTEER EXPERIENCE

Suther's Center for Christian Outreach

Retail Volunteer

Since 2016, I have made long lasting friendships with the volunteers at Suther's. Their mission is to help the Chamblee community and providing emergency assistance to the homeless. All help makes a huge difference and I am proud to be part of a great cause.

48in48

Web Developer Volunteer

After graduating from high school, I wanted to continue to grow my skills in front-end and back-end development. After searching the web, I come across 48in48 which is a national and global nonprofit organization where developers and students come together to recreate/redesign a thriving nonprofit organization's website. Joining the Fall 2017 48in48 Atlanta event, my team "Moxie" and I redesigned the Habitat for Humanity for North Central Atlanta.

Windham Middle School Tutor

Math and Science Tutor

During my sophomore year at Eastern Connecticut State, I grew more passionate about math and what better way than by helping students that are in need of developing their math skills! By volunteering as a tutor at Windham Middle School, I was able to work with students and help them find that math and science can be really fun.

SKILLS

Java HTML CSS R GitHub Savvy

Javascript Problem solving Detail oriented

Hardworking Adaptable to change Analytical

Time management Open minded