KeDaArD Coding

We chose this name because it includes our initials, making it personal and easy to recognize. It represents us and our work as a team.

Ariana Phillips

I am Ariana Phillips, an honors sophomore Computer Science student at North Carolina Agricultural & Technical State University. With a strong academic foundation and a passion for technology and service, I strive to blend technical expertise with meaningful impact.

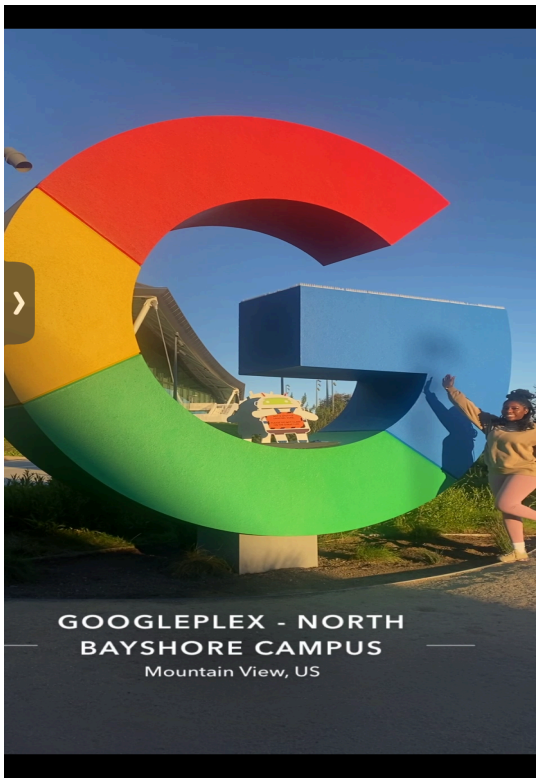
My journey with coding began in my junior year of high school when I attended an academy of technology. After committing to the software development track, I secured my first internship immediately after, which opened my eyes to the vast opportunities in the tech industry. That experience solidified my love for technology and set me on a path of continuous growth. Proficient in Python, Java, and HTML/CSS, I excel in IT operations, graphic/web design, and technical business processes. Reliability, adaptability, and a strong work ethic define my approach to both work and service. My experiences as an intern at Coca-Cola Consolidated, The Dottie Rose Foundation, and other esteemed organizations have sharpened my skills in AI implementation, cybersecurity, and data entry. Beyond coding, I have taken on several leadership roles, both technical and surrounding volunteerism. Whether mentoring young girls in coding, leading campus initiatives, or working on passion projects, I am committed to making a difference.

While I thrive in fast-paced, collaborative environments, I also value structure and efficiency, allowing me to approach challenges with both analytical and people-centered solutions. I am eager to contribute to dynamic spaces where teamwork and continuous learning drive innovation.

Keishlyany Sanabria Santana

I am currently in my third year pursuing a bachelor's degree in Software Engineering at the University of Puerto Rico, Mayagüez. I am highly organized and committed to self-improvement, which makes me a data-driven individual. However, I also prioritize collaboration to ensure a positive and efficient experience for everyone. Interestingly, outside of school and work, I take a complete 180-degree turn and prefer to stay quiet, as I find silence calming. I'm also pretty casual, so no need to be formal around me all the time—haha!

I have a strong foundation in algorithms, data structures, and their runtimes, with a focus on optimization and writing clear, concise code. While I have experience with Java and C++, my preferred programming language is Python. I have worked on projects using VSCode, GitHub, GitHub Actions, terminal commands, and various Python libraries. My most recent deployed project was a web application that displayed maps, which I developed entirely from scratch, including both the application and the map generation. Beyond coding, I have also contributed to documentation in previous projects and have taken on leadership roles. These experiences have strengthened my ability to organize team tasks, facilitate collaboration, and step up as a leader when needed. My combination of technical skills and leadership experience allows me to contribute effectively to any team.



Darianne Sinclair

I attend Prairie View A&M University where I am a third year computer science major with a concentration in cybersecurity. I possess the ability to manage multiple projects and effectively prioritize and execute tasks under high pressure. I consider myself highly self-motivated and directed in a work environment. I have strong leadership qualities, but in a team setting, I often take a more supportive role, focusing on collaboration and problem-solving rather than leading from the front. When I'm not working, I am pretty lax! I enjoy nature and spending time with my family. I am very open minded and like to think of myself as adventurous.

I have knowledge of discrete structures, MySQL, and HTML. I am most comfortable with using python as my programming language. I am still developing my expertise in programming and continuously learning to improve my skills. Some of my projects include creating online databases, and researching, designing, and programming various algorithms. I had a really cool opportunity to work with a team creating an AI app that tracks data and optimizes our resources to address future threats to our climate. I am always eager to collaborate in a dynamic team environment as I am committed to learning and growing through the help of teamwork.

Daniela Gutierrez

I am a second year Computer Science major at the University of Texas at El Paso (UTEP). My journey in this field began back in my sophomore year of high school. I attended a technical high school and I needed to pick a concentration. Programming caught my attention the most, and I absolutely loved it since my very first coding projects in Java. Once college came, I knew that Computer Science was the path I should take. I have vast experience working with object oriented programming in Java and Python; some of my projects include a Library Management System, a Wordle inspired game, an image editor and a backtracking-based sudoku program. Despite the fact that my main interests and strengths are in backend implementations, algorithms and data structures, I have been really interested in web development and design lately. I recently started a project for a music catalog and rating system (kind of like Letterboxd for music!) using Firebase and Flutter. Aside from my projects, I am really passionate about Computer Science outreach and teaching. I am part of the CAHSI Allyship program, which promotes inclusion in the field. I am also a teaching assistant for the Data Structures class at UTEP.

Team expectations and agreements

#	Question	Team Agreement
1	What are our team goals for this project and the class?	Our goals are to have new experiences and knowledge in different tech stacks we haven't worked with before.
2	What are each of our strengths? (note: include any strengths, not just technical CS knowledge)	● Kei combines strong problem-solving skills in algorithms and optimization with hands-on experience in Python development, full-stack project execution, and leadership in team collaboration and documentation. ● Darianne has knowledge of MySQL, HTML, and discrete structures, along with strong project management skills, and thrives in a team environment with a focus on problem-solving. ● Daniela's technical strengths are data structures and algorithms design, debugging, problem solving; Java, C, Python and data analytics knowledge. Non-technical include perseverance, teamwork proficiency and communication. ● Ariana brings a strong combination of technical and interpersonal skills, excelling in programming (Python, Java, HTML/CSS), UX/UI, data visualization, and IT operations while leveraging adaptability, leadership, public speaking, and problem-solving to drive impactful projects.
3	How will we communicate with each other?	WhatsApp group chat and weekly meetings.
4	How quickly should we expect to hear back from each other?	Maximum 24 hours to respond to messages and if a team member should be unavailable for more than 24 hours, they should let the team know as soon as possible.
5	What day/time in the week will we meet every week?	Fridays, ● 8 a.m. to 9 a.m. MST ● 11 a.m. to 12 p.m. AST ● 10 a.m. to 11 a.m. EST ● 9 a.m. to 10 a.m. CT
6	What are our rules for our weekly	● Meetings will begin and end as scheduled

	meetings?	to respect everyone's time. ● Active Participation ● Respect All Opinions ● Meeting notes and action items should be shared post-meeting for accountability
7	How will we run the meetings?	Meetings will focus on: ● Set an agenda for the upcoming week. ● Reports from progress.
8	What should we each prepare before each weekly meeting?	● Updates and progress ● Questions, concerns, comments ● New topics that need to be addressed
9	When we get a group assignment, how will we divide the work? What if there is an unequal load of work in an assignment? How will we rotate roles through the class (eg. team leader, notetaker, who submits the assignment, etc)?	● Team leader ● Backend coding ● Frontend coding ● Who submits the assignment ● Notetakers ● Code reviewer ● Reviewer ● Unit/Integration testers Team members choose a role based on their strengths or preferences, and team leader chooses how to divide each task, BUT the members have to vocalize if they feel like they have too much on their plate.
10	What will we do if a member cannot work for a specified period of time due to an unforeseen circumstance? How will the team react? How will the team get the work done?	The team member should inform the group as soon as possible about their situation. If they can, they should let the team know when they expect to return, and we will quickly assess the missing work to determine what still needs to be done. Also, we as a team should be understanding and supportive.
11	How do we collectively decide when to submit group assignments?	● In the weekly meetings, when we make the agenda, we should decide this. ● It is recommended to submit it 2–3 days before the official due date allowing time for any last-minute adjustments, reviews, and unforeseen delays. ● Everyone agrees that the work is complete and ready to submit.
12	What are our group's rules about using genAI? Remember that each teammate is responsible for their own work, whether genAI is used or	GenAI may be utilized freely, provided that it adheres to the guidelines outlined in the project's instructions. Additionally, it is essential to fully comprehend the information generated by GenAI

	not.	rather than simply copying and pasting its output. Its use is encouraged when encountering difficulties in problem-solving, as a means of guidance, and when working under tight time constraints. However, we should always remain mindful of the importance of understanding the generated content, as emphasized in the previous statement.
13	What happens if one of us breaks the rules in this agreement?	If a team member violates the terms of this agreement, the appropriate actions will depend on the severity of the violation. Minor infractions may result in a warning or a discussion to clarify expectations, while more serious breaches could lead to disciplinary measures, such as reduced participation in the project, reporting to a supervising authority, or, in extreme cases, removal from the team. However, if the violation occurs due to misunderstanding, difficulty, or unforeseen circumstances, we will provide support and guidance to help the individual align with the agreement. Our goal is to foster a collaborative and fair environment where every team member has the opportunity to succeed.

Team signatures

Ariana Phillips

Ariana N. Phillips ANP

Kei Sanabria Santana

Kei Sanabria Santana K.S.S.

Darianne Sinclair

_Darianne Sinclair D.S _____

Daniela Gutierrez

___Daniela Gutierrez D. G.____

Legend

- Yellow highlighted: Newly added text