

Team Name: Commit -tees

Team Naming Rationale: It's a pun on GitHub commits

### Team Biographies



My name is John Sampson, and I'm a sophomore Computer Science student at North Carolina A&T State University. I lived in Raleigh, NC for 16 years, but I moved to Columbus, OH a bit under 4 years ago. A fun fact about me is that I have a twin sister who also goes to A&T (which was my fun fact during orientation). My goal is to become either a Software Engineer or a Game Developer. I've been doing computer science in some form for a while, so I have quite a bit of prior experience. I got into computer science when I was around 9 years old and I wanted to learn about how to make video games. I went to a few summer camps, where I learned Scratch and began to solidify my love of computer science. During COVID, I took an Intro to Computer Science class, which I found really interesting and helped me make it through the monotony of the time. Later on, I took AP Computer Science A and learned more about traditional programming languages and OOP. That was one of my favorite classes, and I found that it really clicked with me. At this point, I had realized that I wanted to major in computer science, so it was really nice to have a look into what that might be like. Once I was in college, I learned Python and relearned Java during my freshman year. It was nice to learn something new and be able to go more in depth with the language I already knew. During this time, I also participated in a couple of hackathons, and I even got third place at the first one I attended. It was mostly by luck, but I felt like my effort was finally paying off. In my sophomore year, I learned C++, and I've been working on learning as much as I can about different areas of software engineering. Tech Exchange has been really helpful in this, and it's been incredible to be able to do this.



My name is Evan Jones, originating in Atlanta, GA, I'm an honors sophomore computer science student attending North Carolina A&T State University. I'm fluent in Python, Java, C++, and a little SQL. I've been currently looking for ways to improve my knowledge in computer science. I'm a Google Tech Exchange Student. I've participated in several hackathons and game jams, even placing high in a couple of them. I've participated in two hackathons directly through NCAT. My team placed 3rd in one of them utilizing an API with PyCharm and ChatGPT. I've participated in three game jams located in various places. My team managed to place 3rd in the

one hosted at NCAT. Overall, through my various activities, I have an emphasis on teamwork and getting to a common goal. I'm active in NSBE and ACM on campus. Over breaks I intern and work at Home Depot as a Cashier. Summer 2024, I was hired as a Research Student Assistant at Georgia Tech in the GTRI department. For this upcoming summer, 2025, I will be interning at SAS as a software engineer creating and testing code. My main goal is to maximize my opportunities and get the most I can out of these opportunities that I've been blessed with.



Hi, My name is Oluwamayokun Olawale but I go by Mayokun. I am a sophomore computer science student at Fisk University. I'm originally from Nigeria, and I immigrated to the U.S. in 2012.

I've gained experience in full stack web development through a personal project where I built a facebook marketplace clone. I also have experience in machine learning through a current fellowship at Break Through Tech AI. From school, I've gained experience in Python, Java and Object Oriented Programming.

One thing I love about tech is the constant learning involved in the field. Prior to college, I wanted to be a doctor and made an impulsive decision to switch to computer science during my freshman orientation week. I definitely struggled a bit in the beginning(failing my intro to computer science midterm) but I've grown since then and now really enjoy computer science. I now love helping people learn computer science, especially those who had no prior experience or never thought they could have a career in tech. I've done this through my work as a Computer Science Intern for BGCMT and as a TA for Intro to Computing, and I hope to continue by eventually becoming a mentor.

Outside of tech, my hobbies are baking and crocheting. I've been baking since I was around 10 years old and it's still one of my favorite pastimes. I look forward to learning in this class and growing as a software engineer.



My name is Diego A. Pérez Gandarillas, and I'm a software engineering student at the University of Puerto Rico, Mayagüez Campus. I love programming—translating problem-solving ideas into a

language a machine can understand fascinates me. I also have a strong interest in cybersecurity; in fact, one of my internships was with a cybersecurity team, where I automated the phishing detection process using a malware detection language called YARA.

My fascination with programming started in ninth grade when my school took me and a few other students to a programming convention in Puerto Rico. There, we were introduced to the fundamentals of programming and the possibilities it offers.

Since then, I've come a long way, gaining experience in coding web applications, following the software engineering lifecycle, and working with Agile methodologies. I consider myself highly proficient in object-oriented programming, core programming concepts, and algorithms. My programming languages include Java, C++, Python and a little bit of Javascript. I'm also comfortable using data structures like stacks, queues, linked lists, and heaps—though I hope to strengthen my understanding of graphs through TechExchange.

I've been part of research teams through the CAHSI Institution, and I'm currently a member of the Pink Pandas association. Pink Pandas is dedicated to making the cybersecurity space more accessible to women and non-binary individuals. Through Pink Pandas, I've recently participated in Capture the Flag (CTF) tournaments—one of which I placed second in on February 7, 2025!

My ambition is to work in a role that combines cybersecurity and software development, whether that means creating cybersecurity tools or focusing on the security aspects of applications. I've had internships in both the cybersecurity and DevSecOps spaces, where I worked with Jenkins pipelines to create a CI/CD process for a Change Management team, automating code integrity checks for development teams.

In the summer of 2025, I'll be starting a software engineering internship at a defense company—an opportunity I'm really excited about. Outside of tech, I'm an avid reader, particularly of comics. I started reading when I was eight years old, and something about world-ending scenarios makes my own problems feel small, helping me stay resilient.

I'm incredibly grateful for the opportunity to be part of Google TechExchange, and I know this experience will enrich my professional career and future.

#	Question	Team Agreement
1	What are our team goals for this project and the class?	<ul style="list-style-type: none"> <li>- Ensuring we complete the project within the given time frame to the best of our abilities.</li> <li>- Creating a project that we are proud of and challenges our current skill set.</li> </ul>
2	What are each of our strengths? (note: include any strengths, not just technical CS knowledge)	<ul style="list-style-type: none"> <li>- John: Object Oriented Programming, Stacks, Queue, Hash Maps, Binary Search Trees</li> <li>- Mayokun: Communication, OOP, DSA, Problem Solving,</li> <li>- Evan: Communication, Scheduling, Object Oriented Programming, Hash, Iteration, Binary Search Trees</li> <li>- Diego: Communication, Object Oriented Programming, DevOps processes, Project Planning, Basic DS (lists, stacks, queues, maps)</li> </ul>
3	How will we communicate with each other?	<ul style="list-style-type: none"> <li>- Discord and Text Messages</li> <li>- Github project management</li> <li>- Communicate early and often</li> </ul>
4	How quickly should we expect to hear back from each other?	<ul style="list-style-type: none"> <li>- 12 - 24 hours</li> </ul>
5	What day/time in the week will we meet every week?	<ul style="list-style-type: none"> <li>- Tuesdays 2-3 EST (1-2 CST)</li> </ul>
6	What are our rules for our weekly meetings?	<ul style="list-style-type: none"> <li>- Be present and on time</li> <li>- Participate and be respectful</li> </ul>
7	How will we run the meetings?	<ul style="list-style-type: none"> <li>- Start with an Ice Breaker (High - low - Water buffalo)</li> <li>- Talk about what you've done each week</li> <li>- Talk about anticipated tasks</li> </ul>
8	What should we each prepare before each weekly meeting?	<ul style="list-style-type: none"> <li>- (At the end of a milestone) Tasks for the next milestone of the project</li> <li>- Status on current tasks</li> </ul>
9	When we get a group assignment, how will we divide the work? What if there is an unequal load of work in an	<ul style="list-style-type: none"> <li>- We would divide tasks based on individual strengths and preferences</li> <li>- Voice concerns about unequal workload</li> </ul>

	assignment? How will we rotate roles through the class ( <i>eg. team leader, notetaker, who submits the assignment, etc</i> )?	<p>and then the task is reassigned to other teammates</p> <ul style="list-style-type: none"> <li>- Reassign roles after each project milestone</li> </ul>
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?	<ul style="list-style-type: none"> <li>- First communicate with the teammate about their current workload and what needs to be reassigned</li> <li>- Team will be understanding and work proactively to ensure work is completed</li> <li>- Reassign work based on willing teammates</li> </ul>
11	How do we collectively decide when to submit group assignments?	<ul style="list-style-type: none"> <li>- During meeting times and based on completion from all teammates</li> <li>- Submit a day before the deadline</li> </ul>
12	What are our group's rules about using genAI? <i>Remember that each teammate is responsible for their own work, whether genAI is used or not.</i>	<ul style="list-style-type: none"> <li>- Use it responsibly (Understand the code and review it to prevent bugs)</li> <li>- Specify which part of the task is generated by an LLM</li> <li>- Don't just copy &amp; paste without understanding what the general app is doing</li> </ul>
13	What happens if one of us breaks the rules in this agreement?	<ul style="list-style-type: none"> <li>- Bring up the concerns to the teammate</li> <li>- Don't escalate unnecessarily</li> </ul>

### Signatures

Oluwamayokun Olawale O.O

John Sampson IV J.S

Evan Q Jones E.Q.J.

Diego A. Pérez Gandarillas D.A.P.G