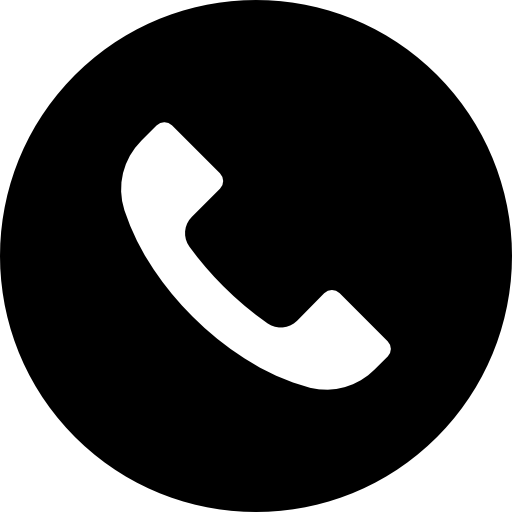
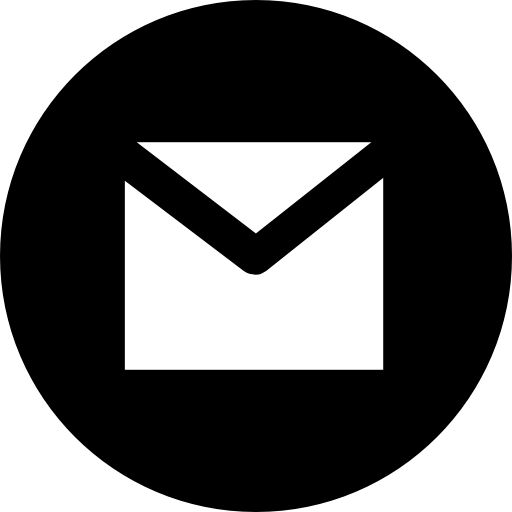
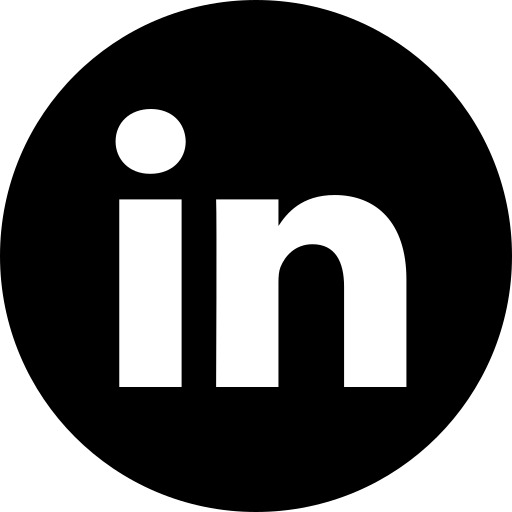
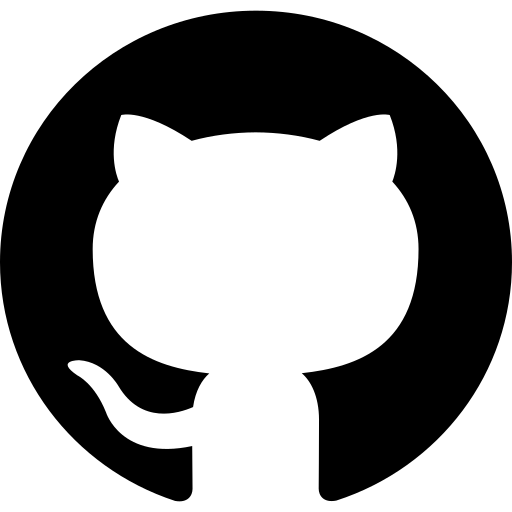
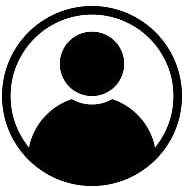
Aarithi Rajendren

(904) 910-9824 [contact:aarithi0713@gmail.com](mailto:aarithi0713@gmail.com) [AarithiRajendren](https://www.linkedin.com/in/aarithi-rajendren/) [AarithiRajendren](https://github.com/aarithi123)

[](https://aarithi123.github.io/website) [Profile](https://aarithi123.github.io/website)  
   
I am a passionate student at University of Florida with a keen interest in IT infrastructure administration, management, and communications. Leveraging my Bachelor's degree in Computer Science, I actively engage in courses, labs, and projects to continuously enhance my skills, fuel innovation and create efficient product administration code. As a student at UF’s Computer Technology program, I am thrilled to have the opportunity to inspire others and contribute to the empowerment of women in technology.

# EDUCATION

**Bachelor of Science, Computer Science** Graduation: May 2026 University of Florida | Gainesville, FL | GPA: 4.0

**International Baccalaureate Diploma** Graduated: May 2023 Stanton College Preparatory School | Jacksonville, FL | GPA: 3.96

# SKILLS & MEMBERSHIPS

* **Programming Languages**: C++, C, Java, and Python
* **Web Technologies and Languages**: HTML, CSS, and JavaScript
* **Database Management Systems**: SQL and MySQL
* **Operating Systems**: Windows, macOS, and Linux

# WORK/VOLUNTEER EXPERIENCE

**Teaching Assistant (Problem Solving Using Computer Software)** *May 2024 - present*

University of Florida | Gainesville, FL

* Actively participated and contributed to over 50 student practical sessions.
* Assisted in troubleshooting and providing tips to complete around 500 student assignments.
* Installed and configured applications such as Word, Excel, and PowerPoint to aid in the problem-solving process.
* Provided real-time demonstrations and step-by-step instructions on complex projects using the Microsoft Office Suite.
* Installed and configured CLion, PyCharm, SFML, TGA viewer, mingw64, office software on Windows and macOS, and organized demo showcasing the key features.
* Researched Git/GitLab and conducted a presentation and live demo showcasing key features, including its ability to streamline collaboration, version control, and deployment processes.
* Translated labs, projects requirements into comprehensive technical design specifications with step-by-step instructions and posted on GitHub for students.
* Coded solutions and performed thorough unit tests of student assignments to ensure labs/projects requirements are met, and graded them with comments.

**Charity/Quality Control Worker (Feeding Northeast Florida)** *June 2020 - Aug 2022*

Jacksonville, FL

* Assisted in food pantries by handing out food baskets at churches and schools.
* Conducted quality checks of donated food items at the warehouse.
* Aided in selecting organizations to partner with and supervised volunteers from different companies.

**Math and English Tutor (KUMON)** *January 2023 - May 2023*

Jacksonville, FL

* Tutored elementary and middle schoolers and hosted online sessions for students with special needs
* Participated in meetings to improve teaching strategies and academic budgeting for students.

# PROJECTS

**Minesweeper (2D Games)** *March 2024- May 2024*

* Developed minesweeper game using SFML library to build graphical interface displaying user input from clicking board
* Implemented a recursive function to reveal tiles not containing mines based on user interactions with board
* Employed chrono library to create an in-game timer with stop, start, and restart functionalities
* Incorporated a map container to track each player’s completion time to display on a pop-up leaderboard window
* Applied inheritance concepts to a tile class consisting of functionalities also in the parent board class
* Developed C++, Python programs that are grid of cells creating a 2D boards algorithmically displayed games such as Sudoku, Minesweeper, Pakudex.

**Personal Website** *May 2024- July 2024*

* Built a personal website using HTML, CSS, and Javascript that showcases projects and skills.
* Added hyperlinks on the sidebar to allow for a responsive and user friendly design
* Included direct links to GitHub repositories to allow for an organized and clear display of coding experience
* Website can be found at: <https://aarithi123.github.io/website>

**Memory Manager** *June 2024- August 2024*

* Coded a C++ class that is designed to manage a block of memory divided into fixed-sized words in heap
* Designed to act similar to the new keyword in C++ but with control over where memory is stored
* Unit tested the code using Catch2 framework

# INVOLVEMENT

**Fellow of National Honor Society**

**National Merit Quarter Finalist**

**Fellow of National Spanish Honor Society**

**Gold Seal of Biliteracy in Spanish**

**Vice President of Junior Civitans**

**Secretary of STEM Mentorship Club**

**Jacksonville Tamil Mandram Youth Committee**