





Abhiram Chilakamarri

1765 Marcia Overlook Drive, Cumming, GA 30041

 github.com/abhiramchil |  www.linkedin.com/in/abhiram-chilakamarri/ |  achilakamarri6@gatech.edu |  US Citizen

Education

Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Computer Science | Current GPA: 3.76/4.0

May, 2026

Relevant Coursework

Object-Oriented Programming, Data Structures & Algorithms, Discrete Math, Linear Algebra, Multivariable Calculus, Physics, Objects & Design, Computer Organization & Programming, Database Systems

Experience

Virtually Integrated Projects | Intelligent Platform for Crowdsourcing at Georgia Tech

Aug. 2024 – Current

- Developed AI cognitive modules in Python and PyTorch to enhance crowdsourced problem-solving efficiency.
- Leveraged Pandas and NumPy for data analysis and visualization, ensuring scalable, clear dataset presentation.
- Designed intuitive user interfaces using HTML/CSS and JavaScript to enhance interaction and user experience.

College of Computing Teaching Assistant | CS 1301: Introduction to Python

Aug. 2024 – Current

- Assisted in teaching Python fundamentals by leading labs, grading assignments, and guiding coding projects.
- Assisted students with debugging, explained data structures and algorithms, and offered feedback on projects.
- Created and updated lab exercises and instructional materials to enhance learning and engagement.

Projects

WanderSync | Java, Git, Firebase, Firestore, Android Studio, MPAndroidChart

Aug. 2024 – Current

- Engineered a travel management app using Android Studio and Firebase for real-time itinerary synchronization.
- Implemented robust user authentication using Firebase Authentication, ensuring secure credential management.
- Developed a destination logging module with date tracking, utilizing Firestore for scalable data storage and retrieval.

iTunes Gallery | Java, JavaFX, Git, iTunes API, Emacs, Odin

Jan. 2024 – Mar. 2024

- Created a full-stack iTunes gallery app in Java with JavaFX to showcase album covers from the iTunes API.
- Crafted a user-friendly GUI with smooth navigation and intuitive interactions for an enhanced user experience.
- Used Git for version control and collaboration, and employed Emacs for coding and managing the project.

Business Supply Express | SQL

Aug. 2024 – Current

- Used Scenario Description of a delivery system to create an Enhanced Entity Relationship Diagram (EERD)
- Created a Relational Schema and physical Database Schema with a given dataset and EERD in SQL
- Implemented Procedures and Supporting Views for the Business Supply Express in SQL using mySQL Workbench.

Leadership / Extracurricular

Volunteering Together for Service

April 2022 – May 2023

Branch President

Alpharetta, GA

- Organized and executed 10+ community service projects, resulting in benefit for local charities and organizations.
- Provided leadership and direction to a team of 20+ volunteers, fostering a collaborative and inclusive environment.

Mathnasium

Jan. 2022 – Jan. 2023

Lead Tutor

Alpharetta, GA

- Kept records of student progress and performed administrative duties including filing, organizing, printing, etc.
- Assessed student progress throughout tutoring sessions, recorded relevant information.
- Supervised new instructors with students and personal instruction and administrative/office duties.

Skills

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, R, SQL (mySQL),

Tools: Git, Unix Shell, Eclipse, VSCode, IntelliJ, PyCharm, Atom, Jira, Confluence, Android Studio

Frameworks: React, Node.js, Flask, PyTorch

Libraries: Pandas, NumPy, Matplotlib, GeoPandas, Fiona, Firebase