

Suayeb Ahmed

Bartlett, Tennessee

[in](https://www.linkedin.com/in/suayeb-ahmed) /in/suayeb-ahmed [G](https://github.com/suayebahmed) /suayebahmed [G](http://www.suayebahmed.com) /www.suayebahmed.com

suayebahmed1@gmail.com

+1-901-247-6536

EDUCATION

University of Memphis

BS in Computer Science (Accelerated Bachelor/Masters Program), GPA: 3.78/4

Aug 2021 – May 2024

Memphis, TN

University of Memphis (CyberCorps Scholar)

MS in Computer Science and Cybersecurity (Masters Program)

Aug 2024 – Dec 2025

Memphis, TN

EXPERIENCE

Student Researcher for CTG project | Center for Information Assurance, University of Memphis

Jan 2024 - July 2024

- Developed comprehensive cyber-security course materials for the Federal Emergency Management Agency (FEMA), including presentations and quizzes, enhancing the learning experience for federal employees.
- Collaborated with faculty to create and update academic content, ensuring alignment with current industry trends and standards.

Undergraduate Research Assistant | Dept. of Computer Science, University of Memphis

Feb 2024 - May 2024

- Conducted cutting-edge research on Federated Learning (Computer Vision) under the guidance of a professor, staying abreast of the latest advancements in technology.
- Developed and implemented federated learning algorithms to enhance model performance across decentralized datasets, ensuring privacy and security.
- Collaborated closely with academic advisors and industry professionals to integrate the latest research findings into practical federated learning solutions.

Undergraduate Teaching Assistant | Dept. of Computer Science, University of Memphis

Jan 2024 - May 2024

- Graded 150+ coding questions weekly, enhancing my own understanding and proficiency in various programming concepts and languages.
- Facilitated learning for a class of 50+ students by providing timely feedback on assignments, homework, and projects.
- Provided guidance and support to students, addressing 100+ questions and concerns weekly through email, Discord, and in-person related to course content, thereby improving student understanding and performance.

Photographer and Member | Student Ambassador Board, University of Memphis

Jan 2023 - Aug 2023

- Assisted with planning and execution of commencement ceremony and Distinguished Alumni Awards.
- Served as photographer for the organization, capturing photos of events and activities for marketing and promotional purposes. Recognized for outstanding photography skills.
- Organized half-yearly Mud-Ball competition, securing sponsorship, managing registration, and contributing to its success.

SKILLS

Programming Languages: Python, HTML/CSS, JavaScript, C, C++, Ruby, SQL

Framework/Libraries: Django, Flutter, Ruby on Rails, ReactJS, SvelteJS, NextJS.

AI/ML Tools: NumPy, Pandas, Seaborn, Matplotlib, NLTK, SK-Learn, TensorFlow.

Developer Tools: Git, GitHub, XCode, Vim, VS Code, Android Studio, IntelliJ, Eclipse.

Others: MS Office Word/PowerPoint/Excel, Figma, Latex, Jupyter Notebook, Google Colab, Adobe Suite.

Languages: English, Bengali, Urdu, Hindi.

PROJECTS

Sentiment Analysis (Machine Learning) | Sci-kit Learn, NLTK, Numpy, Pandas, Seaborn, Matplotlib, BS4

Fall 2023

- Developed multiple sentiment analysis model to classify movie reviews as positive or negative using the IMDB's 50k data-set.
- Trained several machine learning models and evaluated their performance: SVM, Naive Bayes, KNN, Random Forest.
- Analyzed the results to understand the performance of the models using Accuracy Score, Classification Report, and Confusion Matrix.

Academic's List (Capstone Social Network Project) | Django, Python, MySQL, HTML, CSS

Fall 2023

- Engineered a user-friendly social platform catering to academics and students for seamless relocation.
- Worked closely with a cross-functional team of four to develop the Academic's List web application, maintaining consistent communication with the client to align features and functionalities with their requirements and expectations.
- Implemented a robust search functionality, review system, admin panel etc.

AWARDS

Cybercorps SFS Scholarship, CCH Presidential Scholarship, Dean's List (5/5), Hardin Honors Scholarship, Tennessee Hope Scholarship.

CERTIFICATE

Prepare Data for Exploration (Google), Data, Data, Everywhere (Google), Ask Questions to Make Data-Driven Decision (Google), New Memphis Accelerate Program.