

# Sameer Akhtar

Greater Chicago Area | Sameer\_Akhtar@icloud.com | [linkedin.com/in/sameer-a-akhtar](https://www.linkedin.com/in/sameer-a-akhtar) | [github.com/SmearGuard](https://github.com/SmearGuard)

## EDUCATION

### Depaul University

Bachelors of Science in Computer Science | 3.9 GPA

**Expected Graduation: July 2027**

## SKILLS

**Languages** Proficient JavaScript(5yrs) · Python(3yrs) Intermediate Swift(3yrs) · Java(1yrs) Beginner SQL(1yrs) · PHP(2yrs)  
**Software** AWS · GCP · Langchain · Docker · Kubernetes · TensorFlow · iOS · Bootstrap · Git · Bash

## EXPERIENCE

### Specialist

[APPLE](#)

**Jul 2025 - Present**

Naperville, IL

- Delivered tailored hardware/software solutions to optimize workflows for individual and business clients
- Configured devices, migrated data, and resolved technical issues to ensure seamless adoption
- Translated complex technical concepts into clear language, boosting customer engagement and retention

### Co-Founder & Vice President

COMPUTER SCIENCE CLUB

**Aug 2023 - Sep 2024**

Lisle, IL

- Organized 10+ events and workshops, increasing student participation by 60%
- Spearheaded outreach campaigns that doubled membership and raised the club's profile across campus
- Built partnerships with faculty and peers to expand technical and networking opportunities

### Systems Integration Specialist

[AMERICAN COACH LIMOUSINE](#)

**Jul 2022 - Feb 2024**

Downers Grove, IL

- Streamlined coordination across teams, improving delivery alignment for 15+ corporate clients
- Implemented software tools that reduced nationwide partner response times by 30%.
- Enhanced operational workflows by aligning technical solutions with business needs

## AI PROJECTS

### US-Bank Churn Prediction | Team Project (~30 hours) - [GitHub Link](#)

**Jan 2025 - Feb 2025**

- Used 30k+ data set, Llama 3.1b, Groq and Vercel to evaluate accuracy of predicting when banking customer quits
- Created an end-to-end solution complete with sending automated personalized email to banking customer based on feature engineering, normalization, model training, evaluating and hyperparameter tuning across 5 LLM models

### Brain Tumor Classification | Open-Source 166 stars (~10 hours) - [GitHub Link](#)

**Nov 2024 - Dec 2024**

- Used neural networks in Python to classify 1000 MRI scans into 3 types of possible brain diseases with custom model
- Generated multimodal MRI reports for neurosurgeons in under 200MS after image classification, construction & training

### Vercel v0 Clone | Team Project & Open-source (~30 hours) - [GitHub Link](#)

**Oct 2024 - Nov 2024**

- Used open-source libraries in Typescript and LLM-chaining in Python to dynamically craft react assets for a brand
- Defined constraints to **automate front-end** engineering needs like landing pages, contact forms, login pages to dynamically create and match the theme of popular brands and icons like Duolingo, Tolor Swift, Apple, etc

### Discord Live Video | Published Web-App 1.6K Users (~40 hours) - [GitHub Link](#)

**Sep 2024 - Oct 2024**

- Used AWS, WebRTC, React and Vercel to deploy real-time chat and video functionality of popular gaming service
- Built 2+ production backend services that handle upto 10 real-time conversations processing 100GB of video every second

### Model Training Infra | Published AI-App (~80 hours) - [GitHub Link](#)

**Sep 2024 - Sep 2024**

- Created 5 iterations of 2-3 recurrent neural network (RNN) layers to identify the ideal model variant before overfitting
- Developed an algorithm to reduce loss function with the number of layers and units saving RNN model training time by 200%

## Activities

**Tech Newsletter** - Curate a newsletter showcasing Muslim-led tech startups and industry insights to 300+ readers **Feb 2025 - Present**

**Tech Community Engagement** - Attend Chicago tech meetups, mtnDAO, and hackathons to connect with founders and engineers

**Open Source Contribution** - Contribute to and review open-source projects to stay engaged with industry best practices

**Startup and SAAS Exploration** - Analyze SaaS models and emerging technologies to inform new project ideas and identify market opportunities

**Upsilon Pi Epsilon** - Member of international the honor society recognizing scholastic achievement at the Jarvis College of Computing and Digital Media.