

Contact

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(LinkedIn)

Top Skills

Research
Public Speaking
Customer Service

Languages

English (Native or Bilingual)
Hindi (Native or Bilingual)
Gujarati (Native or Bilingual)
Urdu (Native or Bilingual)
French (Elementary)
Punjabi (Limited Working)

Certifications

Customer Facing Skills Initiative:
Strategic Communication
Instructor Recognition - 100
Students Reached
Basic Life Support (BLS)
Mentor Silver

Honors-Awards

Posse Merit-Based Full Tuition
Leadership Scholarship
Albert Shanker College Scholarship
Fund of the United Federation of
Teachers
Smith College Dean's List 2019-20
Councilwoman Catherine Nolan's
Lamp of Learning Award 2017
Fulbright Program Grant Recipient

Sakina Ali

Cloud Solution Architect @ Microsoft | Azure Core ☁###♀#
Charlotte, North Carolina, United States

Summary

Fascinated by the redundancies and complexities of a system, I gravitate towards components that bring pain to it. Over time, I arm myself with the knowledge to relieve those pains by understanding the flows of material through the system's networks.

With a passion for medicine, wellness, and holistic healing, practical skills in the natural sciences & public health, as well as technical experience in cloud architecture, programming, and academic research, it is my goal to help relieve our collective pain points.

Experience

MedCenter Air

Emergency Medical Technician

May 2023 - Present (3 months)

Charlotte, North Carolina, United States

Ground Critical Care Transport: MedCenter Air uses specialty care and critical care ambulances for patient transports throughout the region. Critical care transport ambulances are available when needed in Charlotte, Concord, Hickory, Lincolnton, Kannapolis, Pineville and Monroe, NC, as well as Rock Hill, SC.

Microsoft

1 year 11 months

Cloud Solution Architect

July 2022 - Present (1 year 1 month)

United States

Customer Engineer | Azure Infrastructure

September 2021 - July 2022 (11 months)

Charlotte, North Carolina, United States

Customer Engineers (CEs) are deep technical advisors supporting Enterprise customers to deliver unique value by removing blockers to consumption within their given Solution Area. CEs provide technical support including risk

assessments and tuning to operate and optimize a customer's cloud or on-premise environment. The Customer Engineer provides support delivery services as well as technical readiness through a Customer's Support contract via dispatch by the account team. Customer Engineer services can be delivered either remotely or on-premises.

Smith College

3 years 9 months

Undergraduate Research Assistant in Computational Molecular Biology February 2020 - May 2021 (1 year 4 months)

I was working on a research project involving the computational bio-assemblies of virus

capsid structures. Specifically, my team and I were investigating how the geometric concept of a symmetric virus' "asymmetric unit" can be manipulated by algorithms to reduce the amount of space the entire virus takes up in memory. This project became my Honors' Thesis during my senior year at Smith.

Computer Science Department Teaching Assistant

January 2020 - May 2021 (1 year 5 months)

- Assisted the professor in teaching the lab portion of Intro to CS and Intro to Data Structures and held office hours to help a class of 40 students with weekly assignments
- Assessed student development by maintaining detailed logs of student progress, conducting 1-on-1 meetings, and meeting with the professor

Biology Tutor & Chemistry Lab Teaching Assistant for Spinelli Center for Quantitative Learning

August 2018 - March 2021 (2 years 8 months)

- Maintained 5-6 drop-in or 1:1 tutoring hours a week for approximately 50 students in the Cell Biology course with fellow tutors
- Designed instructional materials and learning activities and conducted class-wide review sessions and seminars before big assessments
- Assessed student development by maintaining detailed logs of student progress, conducting 1-on-1 meetings, and meeting with the professor
- Supported the lab instructor in directing the lab component of the Advanced Gen Chemistry course by creating lesson plans and grading assignments
- Supervised 16 students to ensure their adherence to appropriate lab safety procedures and their understanding of important chemistry concepts

Undergraduate Research Assistant in Bioinformatics

May 2019 - January 2020 (9 months)

Under the advising of Professor Sahar Al Seesi, I was creating and testing a novel grammar-based probability and prediction algorithm approach to parse and characterize introns as either U2 or U12. Furthermore, I constructed statistical models and algorithms (Java, Python) to process large sequencing data to generate accurate PWM-based analyses. I also performed big data extraction, mapping, and re-organization on a pre-existing U12 intron database with the goal of creating an updated and updateable, user-friendlier database tied to newer versions of Ensembl genomes and transcriptomes compatible with Galaxy

Undergraduate Research Assistant in Genomics Lab for Biodiversity of Microbial Eukaryotes

September 2017 - May 2019 (1 year 9 months)

Joined the team working on Assembling the Eukaryotic Tree of Life through Analyses of Eukaryotic

Microbes under Professor Laura Katz through bioinformatics and molecular work

Administered the preparation of labs and maintained a detailed inventory of all supplies

The Posse Foundation

Posse Scholar

September 2017 - May 2021 (3 years 9 months)

Received a Posse Foundation Full-Tuition Leadership Scholarship to Smith College.

Posse identifies public high school students with extraordinary academic and leadership potential who may be overlooked by traditional college selection processes. Posse extends to these students the opportunity to pursue personal and academic excellence by placing them in supportive, multicultural teams—Posses—of 10 students. Posse partner colleges and universities award Posse Scholars four-year, full-tuition leadership scholarships.

Harvard T.H. Chan School of Public Health

Biostatistics Research Intern

June 2020 - August 2020 (3 months)

The Summer Program in Biostatistics & Computational Biology offers diverse undergraduate students a unique opportunity to learn about the use of

quantitative methods for biological, environmental, and medical research alongside Harvard faculty, researchers, and graduate students.

Vive Peru

Public Health Intern

July 2019 - August 2019 (2 months)

Lima, Peru

- Worked alongside staff as part of the Parasite Prevention Program to collect lab samples, visit family homes, and present workshops to community members on how to prevent parasitic infection, disease, and participate in self-sustaining community medical campaigns
- Shadowed licensed doctors in medical consultations, took vitals and patient history in triage, and assisted in a pharmacy under licensed pharmacists
- Collected electronic patient records for future visits to monitor overall community trends and worked with nurses to hold vaccination campaigns

Global Brigades, Inc.

Brigader

October 2018 - January 2019 (4 months)

Choluteca, Honduras

- Successfully completed a trip in Honduras (Jan'19) on a medical/dental/public health brigade shadowing Honduran doctors
- Set up examination room and dental trays in preparation for examinations and procedures followed by sanitizing instruments
- Led a oral hygiene and health education discussion for children and translated between Spanish and English

State University of New York College of Optometry

CSTEP Intern

June 2018 - August 2018 (3 months)

New York City Metropolitan Area

- Gained exposure to the optometry field by shadowing 5 optometrists and 5 second-year OD students in pediatrics, low vision, and primary care clinics
- Collaborated in completing a research project on Retinitis Pigmentosa and presented it in front of an audience of 150 students and faculty

Sadie Nash Leadership Project

Nasher

November 2014 - September 2017 (2 years 11 months)

New York, New York, United States

NewYork-Presbyterian Hospital

Environmental Services and Hospitality Department Volunteer & Intern
July 2015 - August 2017 (2 years 2 months)

- Supported the hospitality and nursing staff in preparing 35 rooms per day, restocking supplies, completing over 250+ hours of service · Shadowed social workers, spoke with patients about their stays and created daily reports to communicate patient needs to nurses
- Observed doctors' rounds and in-room clinical procedures, including taking vital signs, consultations and updating medical records

ARROW Community Center

Community Volunteer
October 2013 - June 2016 (2 years 9 months)
Long Island City, NY

Socrates Sculpture Park

Volunteer
October 2013 - June 2016 (2 years 9 months)
Greater New York City Area

EPSILON SKILLS ACADEMY

K-6 Tutor
March 2015 - August 2015 (6 months)
Greater New York City Area (Bayside, Queens)

I tutored students in grades KG-6 in Math, English and Science aiding them with their day to day homework, test preparation and other areas in which they require guidance.

Noble Hardware

Sales Associate
December 2012 - June 2013 (7 months)

Education

Smith College

Bachelor's degree, Biochemistry and Computer Science · (2017 - 2021)

Rowan-Cabarrus Community College

Emergency Medical Technician (EMT) Certification · (May 2022 - December 2022)

Austin Medical Assistant Training

Certified Nurse's Aide (CNA) Training, Health Services/Allied Health/Health Sciences, General · (June 2020 - August 2020)

Baccalaureate School for Global Education

· (2011 - 2017)

Girls Who Code

Summer Immersion Program · (2015 - 2015)