
EDUCATION**The University of Texas at Dallas**

GPA: 3.87

B.S. Computer Science and Cognitive Science

Texas Academy of Math and Science

GPA: 4.0

PROFESSIONAL EXPERIENCE**Microsoft**

May 2020 – Present

Software Engineer Intern

- Developing state-of-the-art 5G cloud native applications for cloud platforms like Microsoft Azure, OpenStack, and VMware
- Leveraging the C/C++ and Java languages to develop statistical counters for 5G virtual network functions
- Proactively participating in daily scrum meetings and reporting progress on assigned tasks
- **Skills:** C/C++, Java, Unix, Git, Kubernetes, Prometheus, JSON

University of Texas at Dallas**Undergraduate Researcher – Face Perceptions Lab**

Sep 2019 - Present

- Spearheading research project centered on detecting the abilities of humans and biometric facial recognition systems to detect morphed face images for border control applications
- **Skills:** Python, R, PsychoPy

University of Texas at Dallas**Undergraduate Researcher – Chemical Virology lab**

June 2018 – May 2019

- Selected for competitive Clark Research Scholars program to develop modified viral particle for drug delivery applications
- Acquired laboratory skills in protein purification, bacterial cell culture, imaging, assays, and spectroscopy
- Presented findings on novel sensor for gold detection applications at Regional ACS conference – placed 1st in session
- **Skills:** Excel, Statistical Analysis, Experimental Design

PROJECTS**Association for Computing Machinery (ACM)**

Jan 2019 – Present

Front End Developer

- Built news website in development team of five using React to engage users with political issues
- Paired web-scraped articles with dynamic, interactive visualizations designed in JavaScript D3
- Contributed as a scrum team member and developed strong communication skills in result-oriented group
- **Skills:** React, Javascript, D3.js

WeatherBot

Jan 2019 – May 2019

- Developed Java program that integrates a RESTful API with an Internet Relay Chat Bot (PircBot)
- Extracted JSON object from weather and air quality APIs to output user requested information in PircBot
- Leveraged tools like Postman to visualize JSON object and GSON to parse JSON object in Java
- **Skills:** Java, REST API, JSON, Gson, Postman

CAMPUS AND COMMUNITY ENGAGEMENT**UTD Mercury Staff Writer**

Jan 2020 – Present

Opinion Columnist

- Publish articles centered on intersection on technology and public policy in monthly column
- Demonstrated strong technical writing and communication skills and knowledge of APA, MLA, and Chicago style formats

ADDITIONAL INFORMATION

- **Technical:** (Proficient): C/C++, Java, Unix (Familiar): Python, R, Javascript
- **Courses:** Computer Science 1, Computer Science 2, Data Structures and Algorithms, C/C++ in UNIX, Statistics
- **Languages:** English (fluent), Spanish (conversational), Hindi (conversational)

HONORS & AWARDS

- **Eugene McDermott Scholar** – 1 of 17 selected for UTD's flagship, merit-based, full-ride scholarship program
- **National Merit Commended Scholar** – National recognition for PSAT score in top 3-4% of 1.6 million test takers
- **Undergraduate Research Scholar Award** – Recipient of competitive UTD research scholarship to advance research work