

Mutasim Chowdhury

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Education

Georgia Institute of Technology	Aug 2020 - May 2024
Computer Science	Master of Science
3.9 GPA	
University of Texas at Dallas	Aug 2016 - May 2020
Computer Engineering	Bachelors of Science

Experience

Gusto	May 2022 - Aug 2022
Full Stack Software Engineer Intern	San Francisco, CA
<ul style="list-style-type: none">Engineered a partner developer REST API in Ruby on Rails backend with Sidekiq to automate demo company generation, boosting onboarding efficiency by 50%Collaborated with over 10 partner developers to define API functionalities and produce comprehensive design documentationIntegrated the demo company API into a React+TypeScript Developer Portal frontend speeding up onboarding flow testing by 75%	

Argo Data	May 2019 - Aug 2019
Software Engineer Intern	Richardson, TX
<ul style="list-style-type: none">Eliminated JavaScript security vulnerabilities in teller payments software ensuring reliability for over 100 million daily transactionsModernized UI/UX in HTML/XSL to ensure standardized look and feel across ARGO products	

Projects

Taurscribe	June 2024 - July 2024
<ul style="list-style-type: none">Created a desktop application built on Tauri and Whisper ML models allowing users to subtitle and translate any audio in realtime	
Rust, Huggingface, FastAPI, Tauri, Python, NextJS, TypeScript, LLM, Transformers	
q3p LLC	Sept 2016 - Current
<ul style="list-style-type: none">Collaborated and created consulting agency for renowned music and gaming entities reaching 100M+ fans and end usersSpearheaded the creation and upkeep of Discord bots using Python, catering to over 500k daily active users	

Python

IRIS	Aug 2019 - May 2020
<ul style="list-style-type: none">Prototyped a crosswalk assistance system for the elderly, visually-impaired built on computer vision and haptic feedbackImplemented TensorRT optimized YoloV3 for pedestrian detection with 99% accuracy within 20 meters, improving safety and detection speed by 50%.Designed conditional GPIO signal toggling on the Jetson TX2 SoM to inform vehicles about pedestrian presence	

C, Python, TensorRT, DL, ML

Skills

Python, JavaScript, TypeScript, React, Ruby on Rails, Rust, C/C++, PyTorch, FastAPI, NumPy, SQL, Figma, Unity, MongoDB, Git