MAHMOOD ALAM

malam@utexas.edu | (774) 275-7948

EDUCATION

The University of Texas at Austin | BS Computer Engineering, Graduating December 2019

Relevant Coursework:

Java Programming	Data Science Lab	Discrete Math	Social Innovation
C/C++ Programming	Information Security	Linear Algebra	Social Profit Marketing
Software Testing Lab	Algorithms	Probability	Engineering Design

EXPERIENCE

Software Engineer Intern | Cocolevio, September 2017 – October 2018
- Utilized AngularJS, Python Flask, and DynamoDB to build a SAAS application for restaurants to track tips
- Customized an online truck-tracker for LogiCorp Trucking using AngularJS and Google Maps API
- Consulted Vibra Healthcare on adopting cloud-based solutions for their electronic health records
- Collaborated with a 10-member team of designers, developers, and consultants on JIRA Agile

Web Manager | Nueces Mosque, May 2018 - present
- Coordinated five developers, designers, writers, and photographers to boost website engagement
- Improved website on WordPress with a modern layout, high-quality graphics, Facebook events, an email subscription form, image/video highlights, and motivational reminders

PROJECTS

Google Gather | CodeRed Hackathon November 2018
- Created a custom Google Assistant demo on Google Home Mini that can streamline and moderate meetings with roll calls, agendas, meeting minutes, agile workflows, and action plans
- Combined Google App Scripts and Google Cloud's Speech-to-Text and Natural Language API to transcribe speech, identify speakers, and summarize the key ideas of a meeting in Google Docs

TalkToTheHand | TeacherTalent Challenge 2nd place winner, HackTX Hackathon October 2018
- Developed a prototype armband that can translate sign-language to speech with 96% accuracy
- Trained Myo armband to classify gestures with a machine learning algorithm (K-nearest neighbor)
- Built a speech-to-text app with Microsoft Azure's Cognitive Services and Android Studio

COMMUNITY SERVICE

Lead Tutor | Austin Muslim Relief Committee, February 2018 - present
- Volunteer three hours every Sunday to instruct 50+ refugee children in math and reading
- Organized meetings to develop a new curriculum and recruit more teachers into the program
- Secured larger tutoring space to accommodate 20+ more students and 6 more instructors

SKILLS & ACTIVITIES

Programming and Technologies

Python	Flask	Microsoft Azure
Java	RESTful APIs	Google Cloud
C/C++	Swagger	Google App Scripts
HTML/CSS	DynamoDB	JIRA Agile
JavaScript	GitHub	WordPress
AngularJS	Linux	Android Studio

Clubs

Mobile App Development, United Muslim Relief, Muslim Student Association, Robotics Society, Intramural Basketball and Football

Hobbies

Ultimate Frisbee, Biking, Cooking, Haikus, Avengers