MOHAMMED SAUBAN MUSSADDIQUE

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SUMMARY

Computer Science Grad student at Arizona State University. Over two years of full stack web development experience. Interested in transitioning to Data Science. Actively seeking Internship opportunities for the Summer of 2020.

EDUCATION

MS, Computer Science Graduating May 2021
Arizona State University, Tempe, AZ 3.44 GPA

Bachelor of Engineering, Computer Science and Engineering May 2017
PES Institute of Technology, Bangalore, India 8.66/10 GPA

TECHNICAL SKILLS

Data Science: TensorFlow, PyTorch, Keras, MATLAB, NumPy, Pandas
Programming: Ruby, Python, JavaScript, C, C++, Java
Web Development: Ruby on Rails, AngularJS, JQuery, HTML, CSS
Misc.: SQL, Git, Bash, MS Excel

ACADEMIC PROJECTS

ASU, Paraphrase Identification on PAWS dataset. Spring   2020
- Developed an NLP model to identify paraphrases, on a dataset containing sentence pairs with high lexical overlap.
- Achieved an accuracy of 92% using a BERT based model. Explored alternate models like a KNN based model and a BERT sentence embedding model.

Tools and Technology: *PyTorch, BERT, KNN, Transformers.*

ASU, Decentralized Emotion Detection Model using Federated Learning. Spring   2020
- Designed a federated learning model for Emotion detection to run in decentralized edge devices.

Tools and Technology: *PyTorch, PySyft, CNN, Transfer Learning, Federated Learning.*

ASU, Cardiac Risk Stratification Fall   2019
- Automated the Carotid Intima Media Thickness (CIMT) measurement to stratify the risk of Cardiovascular diseases.
- Adapted an Active contour model variant called as Dual Snakes to delineate the Intima Media layers.

Tools and Technology: *MATLAB, Image Processing, Active Contour Models.*

ASU, Image Caption Generation Fall   2019
- Generation of natural language textual description of Images.

Tools and Technology: *Python, Tensorflow, CNN, LSTM.*

PROFESSIONAL EXPERIENCE

Infibeam Avenues, Bangalore, India: Software Consultant 7/2019 – 8/2019
- Coordinated with the customer service team to develop and integrate client specific plugins for the E-Commerce sites in buildabazaar.com

Infibeam Avenues, Bangalore, India: Software Developer 5/2017 – 6/2019
- Developer on buildabazaar.com, a SaaS platform to create personalized Ecommerce websites.
- Worked as a Full Stack Developer with exposure to end to end product development, from design to testing.
- Development and integration of new Modules and Plugins to the Platform. E.g.: Integration of services like Payment Gateways, Analytics tools to the Platform.
- Implemented Quality and Cost Based Selection (QCBS) and other modules for a Product/Service Bidding system.

Tools and Technology: *Ruby on Rails, AngularJS, Javascript, Git, SQL.*

Infibeam Avenues, Bangalore, India: Software Developer Intern 1/2017 – 4/2017
- Built a platform to automate the creation of hybrid mobile apps for online stores using which, users can carve out personalized hybrid apps for all the major mobile operating systems.