

Wadood Sultan

Hayward, California, United States

EDUCATION 2018 – 2020	CALIFORNIA STATE UNIVERSITY, EAST BAY <ul style="list-style-type: none">Graduate Teaching Assistant - GraderGraduate Computer Science Tutor - <i><u>Student Center for Academic Achievement (SCAA)</u></i>Google's Developer Students Club Lead	Master of Science in Computer Science
 2014 – 2018	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY First Class Honors	Bachelor of Technology in Computer Science
EXPERIENCE 05/2019 – 08/2019	SOCIAL GLASS <i>Software Developer</i> <ul style="list-style-type: none">Developed on Adobe Magento2 based IT infrastructure that handle micro-services for customer facing procurement product listing <i><u>eCommerce website</u></i>.Point developer on the back-end architecture of the web platform by PHP and MySQL integrations in the Fast Comet Private Cloud hosting systems.Utilized full stack markup language techniques of HTML, JavaScript and CSS tools with industry specific web application development efficiency and technical architecting standard.Deployments of instances on FTP and client-server networking protocols to integrate information retrieval from the cloud to the on premise website that enhanced the testing retrieval time on mobile application development by 90%.Mediated Agile Software Development techniques in technical design communication and cross functional collaboration that minimize open source software latency and maximize code reuse by prioritizing the goals and objectives.Debugging code according to business and DevOps framework and collaborate with team members to ensure multithreading functionality meets client expectations.Build an object oriented design concurrency workflow to increase website's system performance and responsible in creating all the management environments required to run the platform.	San Francisco, CA
PROJECTS	<p>Udagram Image Filter - Cloud Engineer <i>Technology Used:</i> NodeJS web application hosted in AWS Elastic Beanstalk with CI/CD in Git branches using RESTapi, connecting the SQL database with Postbird and added with security authentications using GET and POST methods in Postman.</p> <p>US Road Traffic Severity Prediction - ML and Cloud Infrastructure <i><u>GitHub Link</u></i> <i>Technology Used:</i> 3Mn Kaggle Dataset stored in S3 Cloud Storage using AWS SageMaker computing learning model with XGboost, Linear Learners algorithms called by API calls using Lambda in Flask based python web-framework.</p> <p>Infant Monitoring System - Internet of Things <i><u>GitHub Link</u></i> <i>Technology Used:</i> IoT Sensors on Raspberry Pi 3 board interacting by IFTTT using AWS IoT Core MQTT simple server routing to a smartphone using Linux based DebianOS.</p> <p>Geotagging Website - Server-less Map-based Web Application <i><u>GitHub Link</u></i> <i>Technology Used:</i> Google OAuth login based geotagging application using MapBox API in REACT MVC structured JavaScript with MongoDB streaming database hosted on Heroku and Serverless virtualization framework connected to AWS platform.</p> <p>Facial Expression Recognition System - Machine Learning <i><u>English Research Paper Link</u></i> <i>Technology Used:</i> HAAR Cascade filters, Convolved Neural Net Algorithm, OpenCV, CK+ Dataset, FisherFaceRecognizer Classifier with Natural Language Processing, coded in Jupyter notebook using Python.</p>	
SKILLS	<p><i>Programming Languages:</i> (Proficient) C, C++, Python (Familiar) Scala, Java, UNIX Shell, PHP, Git</p> <p><i>Cloud Computing:</i> Amazon Web Services, Google Cloud, Oracle Cloud, Serverless, Heroku</p> <p><i>Database:</i> MySQL, DynamoDB, MongoDB, Cassandra</p> <p><i>Containers and Software Systems:</i> Kubernetes, Docker Hub, Hadoop, Kafka, MapReduce, Chef</p> <p><i>Web Technologies:</i> HTML, CSS, JavaScript, Node JS, React JS, Google App Engine</p> <p><i>Object-Oriented Concepts:</i> Data Structures, Algorithm Analysis, Time Complexity, Spanning Tree, Recursion</p>	
CERTIFICATIONS AND TRAINING	<p>Amazon Web Services Solutions Architect - Associate</p> <p>Hackerrank Python Certified</p> <p>Coursera Cloud Engineering with Google Professional Certificate</p> <p>Redhat OpenShift Container Platform Training</p> <p>Cisco DevNet Sandbox - Cloud Module</p> <p>Advance Java Enterprise Apps by Oracle Workforce Development</p> <p>Hack the Outbreak - 12 Hour Hackathon at CSU East Bay, California <i><u>GitHub Link</u></i></p> <p>Google Cloud Professional Architect (In Progress)</p> <p>Oracle Cloud Infrastructure Architect Associate (In Progress)</p>	
CONTACT	<p>Phone: +19258609607 Email: <i><u>wadoodsultanm@gmail.com</u></i></p> <p>Website: <i><u>http://wadoodsultan.com</u></i> LinkedIn: <i><u>https://www.linkedin.com/in/smw147/</u></i></p>	