Darshit Shah

🌐 Portfolio   ✉ darshitshah1992@gmail.com   Github   in LinkedIn   📱 424-337-9016

INDUSTRY EXPERIENCE

Software Engineering - Intern, COFEBE Inc.   **May 2019 - Present**
- Implemented ETL process for historical data transformation using Python, AWS Glue, Airflow, and Amazon Redshift
- Used pair programming agile methodology, and peer code review on github

Software Development Engineer, Tata Consultancy Services (TCS)   **March 2014 - August 2017**
- Designed, built, and delivered 3 complex modules of huge application using Agile methodology (Scrum) and involved in whole Software Development Life Cycle (SDLC) process
- Invoked REST API to transfer content from registration department to revenue department using JSON format
- Reduced the time of fetching records approximately 100 times using materialized view and indexing on tables
- Front-end was developed with JSP, HTML, CSS, JavaScript, jQuery, Spring MVC, Hibernate and Back-end with Java, Spring, PostgreSQL; Used SVN as code repository (https://tnreginet.gov.in/portal/)
- Led the team of 4 employees and boosted the revenue of client by 11% per month. Saved 18% cost of 15 different projects by developing in-house bug-tracker tool (approximately $20,000 till date)

PROJECTS

Analysis of Deep Learning Frameworks   **Fall 2018**
- Implemented Artificial Neural Networks, and CNN using different deep learning frameworks
- Frameworks: TensorFlow, Keras, Chainer; Analysis Criteria: Accuracy, Loss, Epochs, Execution time
- Libraries: Cupy, Numpy, Scikit-Learn, and Matplotlib; Language: Python

Emergency Blood Required App   **Fall 2017**
- Developed android application using agile methodology to send notification in one trigger to compatible blood type donor list
- Android studios for development of UI and Back-end, Firebase - Database, Node.js - Server, and Github - Code Repository; Trello - Project Management

Android Apps: Stopwatch Timer App, and Brain Trainer App   **Fall 2017**
- Developed timer app that can be used as stop watch; Brain trainer can be used to test addition capability in 30 seconds

ACADEMIC EXPERIENCE

STEM Tutor, CSUDH   **January 2017 - May 2019**
- Taught Java, Data Structures, Analysis of Algorithms, Computer Organization, and Advance Software Engineering courses offered at CSUDH. Providing tutoring service each week for 13 hours approximately to 20 students

EDUCATION

Master of Science (M.S.), Computer Science   **GPA: 4.0/4.0**
California State University - Dominguez Hills (CSUDH); Carson, CA   August 2017 - May 2019

Bachelor of Engineering (B.E.), Electronics & Communication   **GPA: 8.99/10.0**
Gujarat Technological University; Gandhinagar, India   June 2013

SKILLS

Languages & Databases: Java, Python, Javascript, SQL, Node.js, MySQL, PostgreSQL

Frameworks: Bootstrap, Spring MVC, TensorFlow, Keras, Chainer, ZK

Technologies: AWS, Google Cloud, Azure, Git, SVN

AWARDS AND ACHIEVEMENTS

- Certificate of Leadership – Codepath Tech Fellow Society   **Spring 2019**
- HENAAC Conference – Google Technical Challenge Winner (1st place out of 1,000 people)   **Fall 2018**
- Top Ranker Certificate – Gujarat Technological University (1st place out of 10,000 people)   **January 2014**