Tanay Shah

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EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA
B.S. Computer Science
Dec 2019 | Los Angeles, CA

FULLERTON COLLEGE
B.S. Computer Science (Transfer)
May 2017 | Fullerton, CA

SKILLS

PROGRAMING:

Proficient: (over 3000 lines)

Java • C++ • SQL• Javascript • Spring
SpringBoot • Cloud Config • AWS SNS
AWS Cloud Watch • AWS lambda
AWS Batch • GCP • Azure App Services
Azure file storage • Twillio • Docker
Gradle • Maven • Ant • Presto
CSS • HTML • XML • MVC • Git
Data Visualization • AJAX • Data
Ingestion• Android • LaTeX• Apache
Tomcat • Apache Cassandra
RESTFul web services • Wordpress
CPP Rest SDK • Agile Development
Jenkins • Travis CI

Familiar:

iOS • Python • Node.JS • Kotlin
Flutter • Firebase • Mongo DB
R • Parallel Programming • Elecrton JS

TOOLS:
Confluence • Jira • Trello • MS Office
Visual Studio • IntelliJ Idea • Eclipse •
Android Studio • GitHub • GitKraken
Visual Studio Code • DB Weaver
MYSQL Workbench • Sublime Text

EXTRA-CIRRICULAR

- Joint Education Program
  Visited local school to introduce and teach concepts of computer science representing USC.
- Pi Theta Kappa Honors Society
- Treasurer @ SASA
- Abhram Attridge Scholar
- Hackathons
  HackTech (CalTech) • La Hacks (UCLA) • SD Hacks (UCSD) • ACM coding challenge.

EXPERIENCE

BRIDG | Software Engineering Intern
May 2019 - June 2019 | Los Angeles, CA
- Profiled customers using point of sale data and made customer segments based on different brand criteria to target advertisements.
- Optimized big data queries for increased efficiency and lower run-times.
- Created and deployed an automated reporting system for company investors, which calculates the current profile match rates to track company's progress.

CHILDREN'S HOSPITAL LOS ANGELES | Lead backend Engineer
Jan 2019 – May 2019 | Los Angeles, CA
- Developed a RESTful web-service with Springboot and Java, deployed over Azure app services and image storage capabilities over Azure file storage.
- Encompassed an automated two-way messaging system with Twillio to reduce pick up times.

USC VITERBI COMPUTER SCI. DEPT. | Teaching Assistant
Aug 2018 – Dec 2018 | Los Angeles, CA
- Reinforced and clarified concepts taught in class in one on one or group basis and helped debugging assignment.
- Also served as a project manager for two groups in their final project.

BRIDG | Software engineering Intern
June 2018 – Aug 2018 | Los Angeles, CA
- Developed an automated scripts to ingest and analyze data delivering accurate customer analysis for successful promotional campaigns or notifying the client about missing data via AWS.
- Collaborated on a wide spectrum of teams from optimizing data queries to developing and reviewing the server side code.

USC VITERBI | Web Content Manager
Aug 2017 – June 2018 | Los Angeles, CA
- Designed and maintained the school's website regularly to provide students most updated information.

PROJECTS

KILL.DDL An android application to manage deadlines and optimize workforce efficiency via adding events and the application orders them in a way to achieve maximum efficiency and reach deadlines in time.

MUSIC RT A real time music playing and socializing desktop application. It is a cross – platform application based on Electron.JS which focuses mainly on socialization on the basis of music.

SMILE An android application that provides suicide risk assessment using Google's natural language processing. Based on the analysis of the ans for the target specific question recommended by National Suicide prevention Association, it assess the risk and notifies the guardians.

WAVE WRITER A voice coding desktop application to convert speech to code with natural language processing. Using Microsoft's Bing Speech to Text API it converts voice to text and parses it to Java code.