

Tanay Shah

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EDUCATION

University of Southern California | Los Angeles, California
Bachelor of Science – Computer Science

Dec 2019
GPA: 3.2

TECHNICAL SKILLS

Programming Languages:

Proficient: Java, C++, SQL, Java Script, HTML, CSS, XML | Familiar: Python, R, NodeJS, Flutter, MongoDB, Kotlin

Frameworks & Services: Spring, Springboot, Hibernate, Spring Cloud Config, AWS Cloud watch, AWS SNS, AWS Batch, AWS Lambda, GCP, Azure App services, Azure file storage, Twilio, Docker, Gradle, Maven, Git, Presto, Apache Cassandra, Airflow

Development Tools & Skills: Github, MVC, Confluence, Jira, Trello, MS Office Suit, Visual Studio, IntelliJ Idea, Eclipse, Android Studio, Data visualization and Analytics, Parallel Programming, MySQL Workbench, DB Weaver, Git kraken, Sublime Text

EXPERIENCE

Bridg | Los Angeles, California
Software Engineering Intern

May 2019 – June 2019

- Profiled customers using point of sale data with a 40% match rate and made customer segments based on different brand criteria to target advertisements.
- Optimized big data queries for increased efficiency and lower run-times by 30%.
- 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 | Los Angeles, California
Lead backend Engineer

Jan 2019 – May 2019

- 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 Twilio to simplify and quicken the pickup procedure.

USC Viterbi School of Engineering (Computer Science Dept.) | Los Angeles, California
Teaching Assistant for Principles of Software Development

Aug 2018 – Dec 2018

- Reinforced and clarified concepts of Java based services and tools and assisted in debugging and grading assignments.
- Mentored and guided 2 groups of 4 in their final project, teaching and reinforcing Agile development strategies.

Bridg | Los Angeles, California
Software Engineering Intern

Jun 2018 – Aug 2018

- Developed an automated script to ingest and analyse 100+ million POS data sets to deliver accurate customer analysis for successful promotional campaigns or notifying the client about missing data via AWS SNS.
- Collaborated with a wide spectrum of teams from data analysis, QA, to software development team on providing QA feedback and issue tracking to Regression deployment testing and documentation.

USC Viterbi School of Engineering | Los Angeles, California
Web Content Manager

Sept 2017 – Aug 2018

- Worked closely with the Dean's office to design and maintain the department's website for the most updated information.

PROJECTS

Kill.DDL | Technologies used: Java, XML, Android SDK, Firebase

Dec 2018

- 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 | Technologies used: Electron JS, Java Servlets, JSP, AJAX, Apache Tomcat, MySQL

April 2018

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

Smile | Technologies used: Java, XML, Android SDK, Google NLP, Android messaging, MySQL

March 2018

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

Wave writer | Technologies used: Java, Bing Speech to Text API, Java FX

March 2018

- 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.