

Tanay Shah

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Education

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

August 2017 – December 2019
Major GPA: 3.36/4.0

Fullerton College, Fullerton, California
Bachelor of Science – Computer Science (Transfer)

August 2015 – May 2017
Major GPA: 3.53/4.0

Skills

Proficient: Java, C++, Java Script, SQL, HTML, CSS, XML, MVC, Presto, AWS, Git, Jira, Trello, MS Office Suit, Visual Studio, IntelliJ Idea, Eclipse, Android Studio, Data visualization and Analytics, Regression Testing, ajax, CPP Rest Sdk

Beginner: Python, R, NodeJS, Espresso, Firebase, MongoDB, jQuery, JavaFx, Parallel Programming, API Development, Intel x86 Assembly (32 bit), Nightwatch.JS, SpringBoot, Spring

Related Experience

USC Viterbi School of Engineering (Computer Science Dept.), Los Angeles, California
Course Producer / Teaching Assistant

August 2018 – December 2018

- Reinforced and clarified concepts taught in class on one on one or group basis and helped debugging assignment.
- Guided students on their project development, team management, and development issue tracking.

Bridg, Los Angeles, California
Software Engineering Intern

June 2018 – August 2018

- Developed automated scripts for data analytics and data ingestion issue, to deliver accurate customer analysis for successful promotional campaigns for the client and notify them via AWS Simple Notification Services.
- Collaborated with a 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

September 2017- August 2018

- Design and maintain the UI and content of the school's website regularly to provide students most updated information.
- Co-ordinated with the heads each department to provide specific set of websites which cater to their moto and provides information to the visitors.

Projects

Kill.DDL: A mobile application based on android to manage deadlines and optimize workforce efficiency.

December 2018

- Add deadlines and events that are important, and the application will let you know which event of deadline to meet first with respect to the deadline time in order get maximum output and also connect it with one social media as well.

Music Rt: A real time music playing and socializing desktop application.

April 2018

- It Is cross – platform application, and the UI is based on web app and via electron API in Node.JS we were able to port it into a desktop application, compatible with any operating system to cater any type of customer.
- It is a Three Tier application with each tier having its own benefits from freely accessing lobbies to having private storage and for higher tier payments were achieved through Stripe API.

Smile: An android application which analyses natural language and provides suicide risk assessment.

March 2018

- With a set of target specific question recommended by National Suicide prevention Association and Google Natural Language processing provided a composite risk assessment score to the child as well as sent text notification to his parents and teachers.

Wave writer: A desktop application which uses natural language processing to convert voice to code.

March 2018

- Targeted towards school kids, where they can practise there coding logic versus wasting time on syntax.
- Using Microsoft's Bing Speech to Text API to convert voice to text and with specific commands such as, "Print Hello World" will be parsed out to a compliable Java code.

Activities and Extra Curriculars

- **Joint Education Program @ USC:** Visited local LA district school to teach students of 6th grade about computer science and introduce them to programming by the means of fun activities to make it more likable.
- **Attended Hackathons:** HackTech (CalTech), La Hacks (UCLA), SD Hacks (UCSD), ACM coding challenge.