

Shantanu Deshmukh

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EDUCATION

SAN JOSE STATE UNIVERSITY

MS IN COMPUTER SCIENCE

Expected May 2019 | San Jose, CA
Cum. GPA: 4.0

UNIVERSITY OF MUMBAI

BE IN COMPUTER ENGG.

2013 | Mumbai, India
First Class with Distinction

LINKS

Github:// [shantanuspark](#)
Portfolio:// [shantanuspark.github.io](#)
YouTube:// [AnAndroider](#)

COURSEWORK

GRADUATE

Artificial Intelligence
Distributed Computing
User Interface Design

UNDERGRADUATE

Analysis and Design Of Algorithms
Operating Systems
Discrete Structures and Graph Theory
Database Management Systems

SKILLS

PROGRAMMING

Java • Python • JavaScript • C++
LAMP Stack • MEAN Stack • PHP
JSP • jQuery • CSS • SAP Hybris
Tools:
Eclipse • Tortoise SVN • GIT • jMeter
REST Clients • Jenkins • SOAP UI
Familiar:
Android • mongoDB • D3.js
Tensorflow • Cassandra • Active MQ

AWARDS

- Applause Award for diligent work and timely delivery while in Deloitte Consulting.
- ACE (Accenture Celebrates Excellence) award for effective team work
- Co-Founder of 'AnAndroider' YouTube channel (18k viewers), tutoring Android Application Development.
- SAP Certified Hybris 6.0 Developer

EXPERIENCE

SAN JOSE STATE UNIVERSITY | RESEARCH ASSISTANT

Jan 2018 – Till Date | San Jose, CA

- Working on computer vision and artificial intelligence algorithms to find visually appealing way to represent a drug's side effect. Funded by the RSCA Award.

DELOITTE CONSULTING | BUSINESS TECHNOLOGY ANALYST

Nov 2015 – Aug 2017 | Mumbai, IN

- Coded business use cases in Java for a B2C website, in an Agile development model
- Handled multiple mission-critical complex modules, ensuring timely delivery
- Created a distributed data processing engine using Apache Storm and Apache Kafka, as a Firm initiative to be proposed to a prospective client.

ACCENTURE SERVICES INDIA PVT. LTD. | SOFTWARE ENGINEER

Aug 2013 – Oct 2015 | Mumbai, IN

- Designed and Developed multiple business flows for a B2B website in Java along with their test cases
- Created a Java based reusable tool to automate the testing of Restful services, which saved around 40% of testing effort.

ACADEMIC PROJECTS

ANDROID APP USING TENSORFLOW Dec 2017 | San Jose, CA

- Created an application to alert visually impaired by detecting obstacles on the street
- Trained MobileNet model with self curated images to get an accuracy of 93%.

IMAGE PROCESSING AGENT Oct 2017 | San Jose, CA

- Classified and Clustered images using k-NN, K-Means and single link hierarchal clustering algorithm; Analyzed their accuracies using three-fold cross validation.
- Used Genetic algorithm to transform one image into another.

PATIENT INFORMATION SYSTEM Oct 2017 | San Jose, CA

- Built a distributed system architecture to handle huge data in Java
- Used Active MQ, Cassandra DB, Hazelcast caching and Spring Boot

INTELLIGENT JOB SEARCHING AGENT Sept 2017 | San Jose, CA

- Built a web scraper to scrap jobs from a few job listing websites.
- Used tf-idf vectorization and k-NN regression algorithm to find the top matched jobs for a search query and grouped them using Lloyd's algorithm.

DATA VISUALIZATION USING D3.JS Oct 2017 | San Jose, CA

- Visualized California's college's admission data as a force directed graphs, for all the academic year's from the year 2003 to 2016.

MYHIVE PROXIMITY NOTIFIER Nov 2012 – April 2013 | Mumbai, IN

- Created an Android Application and a web portal for proximity based notifications.
- Built using LAMP Stack and Google's Geolocation API.

EXTRA-CURRICULAR PROJECTS

SORTING ALGORITHM ANALYSIS Sept 2017 | San Jose, CA

Analyzing various sorting algorithms and plotting their time vs size graphs

ENTREPRENEURSHIP CELL WEBSITE March 2012 | Mumbai, IN

Worked as a Web Manager of Entrepreneurship Cell, an association managed by students to promote entrepreneurial thinking. Created their web portal and developed an on-line treasure hunt for their annual event using LAMP stack.