

Anamika Sharma

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Education

Santa Clara University

MASTERS OF SCIENCE IN COMPUTER SCIENCE, **GPA: 3.92/4.0**

Santa Clara, CA

Jan 2021

- **Course work :** Adv. Database, Web Technologies, Pattern Recognition & Data Mining, Machine Learning, Operating System

Amrita Vishwa Vidyapeetham

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE, **GPA: 8.54/10.0**

Bangalore, India

Jun'11 - Jun'15

- **Course work :** Algorithm, Software Engg, Computer Networks, Information Security

Skills

Languages : C++, JavaScript, Swift, SwiftUI, Python, HTML, CSS, Java, Objective-C, SQL, SASS

Frameworks : React, Redux, PyMongo, Tornado, Spark, Hadoop, Kafka, HIVE, PyTorch, SciKit, NumPy, Pandas, AWS, Cocoa

Tools : Git, Mercurial, JIRA, VSCode, Eclipse, Xcode, Instruments

Databases : MySQL, MongoDB, Elasticsearch, Oracle, Core Data, SQLite

Experience

Wish

SOFTWARE ENGINEER INTERN

San Francisco, CA

Jun 2020 - Aug 2020

- Developed standalone brand page and micro-services that led to 4% increase in GMV.
- Designed and implemented features for improving SEO on Wish feed page.
- Improved product review page, summarizing reviews using top-k phrases, classifying and displaying top pos/neg text reviews using pre-trained AWD-LSTM model for sentiment classification.

Freshmenu

SENIOR SOFTWARE ENGINEER

Bangalore, India

Jul 2017 - Jun 2019

- Integrated Siri voice support using SiriKit. Featured in App store and Siri India Official Website.
- Design and implementation of FreshClub, loyalty program that lead to increase in AOV(45%) and MAU(67%).
- Reduced app launch time by 65% (launch time from 2.3ms to 0.7ms).
- Developed logging framework for events like clicks, add-to-cart and purchase in real-time which measure experiments accurately.

Zoho Corp

IOS ENGINEER

Chennai, India

Jun. 2015 - Jul. 2017

- Designed tool for text editing, scribbling and redefining images with different filters on a shared presentation in real time.
- Implemented local and remote notification system for changes made across mobile and website. Framework: Notification Center

Projects

Travel Recommendation Portal

- Created web-based application to recommend popular Europe tour packages based on seasonality and location. Implemented RESTful API routes to handle frontend CRUD operations. Built interface with ReactJS, Redux, SASS with cross-browser compatibility.
- Combined SVD based Matrix factorization with features extracted from text. Used word2vec , LSTM fine-tuned on Hotel Bookings Dataset from Kaggle for text features. *[Technologies - ReactJS, Redux, Python, SciKit]*

Medical Data Exploration

- Developed an ETL pipeline to clean unstructured data stored across different repositories. Multiple MapReduce jobs are used for data cleaning and preprocessing. Data visualization using Tableau. *[Technologies: HDFS, Pig, Hive, MapReduce, Tableau]*

TLDR iOS News App

- An app built on SwiftUI. It summarizes news articles in 5 sentences. Supports personalized feed, real-time chat using Firebase and voting threads on news articles. Integration of Siri Voice support, MapKit to propose news using geo-location data. *[Technologies: Swift, Xcode]*

Text Classification

- Achieved SOTA results on text classification task by applying Transfer Learning. We fine-tune a pre-trained LSTM model on IMDB and AGNEWS dataset respectively using gradual layer unfreezing, learning rate warmup and Layernorm. *[Technologies - Scikit, PyTorch]*