Sarthak Majithia

Masters (Thesis) in CS at University of Texas at Arlington (May 2019)
Bachelor of Engineering (IT) University of Pune (May 2014)
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Masters in CS and Thesis work

- Summer of '18: Started work on a fact-checking project: collect millions of tweets on politics and find out their worthiness of checking for fact. Tech-stack: MongoDB, Python and Elastic-Search.
- Studied Data Mining, Data Modelling Techniques and Design of Algorithms as a part of my masters curriculum.
- Improved accuracy of a classifier on 7000+ wine sample dataset to determine better quality. Language: Python
- Successfully built line follower, step climber, and path follower robots with LEGO mindstorms EV3. Language: C/C++.
- Determined human motions in a room using only Wi-Fi Channel State Information. Language: Python
- I have taken Machine Learning and Neural Networks in Fall semester.

Top Skills

Languages: Java, Swift, Python, PHP
Technologies: Android and iOS Development, AWS, ElasticSearch, REST, Firebase, JSON
Tools: Android Studio, Eclipse, Xcode, Git, Agile Methodology, JIRA
Database: MongoDB, MySQL, SQLite

Professional Experience

Coffee Beans LLP — Bengaluru, India (Feb'17 - June'17)
Software Developer
Worked with team of 4 for a client in Singapore to build **iOS app** that consisted of:
- Restaurant menu & **QR code** based food ordering
- Dart tournament updates and **e-commerce for dart orders**

Developed lekejaa.in in **AngularJS**, an e-commerce aggregator search engine. Deployed on **AWS EC2 and S3**.

Adsolv Digital Pvt Ltd — Bengaluru, India (Jan'16 - Jan'17)
Mobile App Developer
- Responsible for new developments in Android and iOS app with various widely used libraries
- Deployed API's required for new features in **Ruby on Rails server** with **elastic search**
- Worked in **Agile environment** with high efficiency in a startup culture and **brainstorming** new concepts.

Worked for client: GO-JEK, an Indonesian hyperlocal transport, logistics and payments startup. My role was providing support to iOS development team for collaborating with BlueBird taxi that grew the fleet of the company to **200,000 cabs** at the time.

Sumeru Solutions — Bengaluru, India (Aug'15 - Jan'16)
Software Developer
Used my developer skills for user analytics behind the Art of Living website (artofliving.org) having **a million views/month**.
- Built custom analytics dashboard using **Google Analytics API**
- Track leads from ad campaigns, plot them on **interactive Google map**.
- Create landing pages for events happening in Australia, India, and Sweden.

Vyakti Vikas Kendra India — Bengaluru, India (Oct'14 - July'15)
Software Developer
- Built an Android app as a full stack developer for DSY employees to keep track of donors.
- **Automated SMS/Email** mechanism from a PC based dialling software (ViciDial)
- Updated dsyindia.org with new payment gateway

Self Developed Mobile Applications

Name	Sleep with Wisdom	AOL Connect	Happiness Survey
Link	http://tiny.cc/sleepwithwisdom	http://tiny.cc/aolconnect	http://tiny.cc/aolsurvey
Downloads	24k (Android + iOS)	500-1000 (Android + iOS)	7.5k (Android)
Details	Help users sleep better by listening to an audio, browse tips and yoga postures to help them relax before sleep.	Highly customised CRM for effective lead management harnessing mobile features: call/text, reminders, event history.	User can submit a google form with a native front end UI. **Offline mode** available. Developed for Art of Living NGO.