

## EDUCATION

**UNIVERSITY OF FLORIDA** [GPA 3.89/4.0]  
*Master of Science, Computer Science*

**UNIVERSITY OF MUMBAI** [GPA 3.5/4.0]  
*Bachelor of Engineering, Information Technology*

GAINESVILLE, FL  
MAY 2017

MUMBAI, INDIA  
MAY 2015

### Honors and Distinctions

- Published “SmartHelmet” in the IJAFRC Journal, Spring 2015
- Winner of Prkalpa State Competition for Electronics, Fall 2013
- Certified Android Application Programmer, Neebal Technologies, Spring 2012

Technologies Java, C# (.NET), Python, C++, Web, JS, TS, SQL, Protobuf  
Frameworks Spring, Hibernate, Angular, Redux, Unity3D, Android, UWP

## EXPERIENCE

Blackrock  
**Associate SDE**

NEW YORK, NEW YORK  
Jun. 2017 – Present

- Implemented *Kubernetes* application support into Blackrock’s orchestration server
- Added support for translation/localization capabilities to our automated report generation platform
- Designed and developed *web applications* using *NgRx + Angular*
- Orchestrated application *telemetry* - used Influx with Grafana and Splunk to analyze metrics and speed up application server subroutines
- Delivered usage KPI and KRI driven by application metrics to clients to see vital product statistics

Department of Anesthesiology, University of Florida  
**Simulation Developer Assistant and Summer Intern**

GAINESVILLE, FLORIDA  
Jan. 2016 – May. 2017

- Developed mixed reality simulator in Unity 3D using C# for simulating anesthetic procedures.
- Designed and developed curriculum based intelligent tutor for UF Shands resident doctors.
- Architected and developed unique software for curating curriculums for the intelligent tutor.
- Designed platform to modularize multiple simulations for short development turnaround time.

KJ Somaiya College of Engineering Labs  
**RIIDL Intern**

MUMBAI, INDIA  
Aug. 2012 - Aug. 2013

- Developed an application for the Bhartiya Sanskrit Peetham to help teach Sanskrit.
- Launched ‘Learn Sanskrit’ application on the Google Play Store with **27,000+** downloads

## PROJECTS

Parsi Portal Service  
**Co-Founder**

MUMBAI, INDIA  
Dec. 2014 - Present

- Developed Parsi Portal’s Android application and accompanying publisher website.
- Launched service to the global Zoroastrian community, reaching **4000+** active users in two weeks.

Smart Helmet  
**Lead Programmer**

MUMBAI, INDIA  
Aug. 2014 - Aug. 2015

- Developed Bluetooth helmet with accompanying ‘Helmet Companion’ Android application.
- Managed smartphone events through augmented voice prompts and voice feedback.

Smart Lighting  
**Developer**

MUMBAI, INDIA  
Aug. 2013 - Aug. 2014

- Developed an Android app to control smart lights using the internet.
- Used the app to communicate with an Arduino board that used custom circuitry to control switches.