

## 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), C++, Python, HTML, CSS, JavaScript, TypeScript, SQL,  
Frameworks Spring, Hibernate, Angular, Redux, Kubernetes, Unity3D, Android, UWP, Mongo, Elastic, Ignite

## EXPERIENCE

Blackrock  
**Associate SDE**

NEW YORK, NEW YORK  
Jun. 2017 – Present

- Implemented *Kubernetes* application support into Blackrock's orchestration server.
- Worked on modeling *Application Packaging* for Blackrock's continuous delivery system.
- Designed and developed *web applications* for Accounting and Cash Reconciliation teams using *Angular*.
- Designed and developed an *ETL server* for loading data into *Elasticsearch*, developed accompanying data server to support the accounting application.
- Implemented application *metrics* and dashboard; used that to analyze and speed up application server subroutines, significantly speeding up server.

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 Somaia 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.

Computer Society of India Council 2013  
**Technical Team & Instructor**

MUMBAI, INDIA  
Aug. 2013 - Aug. 2014

- Developed and implemented *CSI Portal* application for Android used by **1200** students.
- Taught and instructed workshops on Ubuntu, Android, Adobe Muse and more to students.