

Binit Kumar
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Skills

Development: Android, Java, Unix

Data Science: Deep Learning, Elastic Search, Python

Professional Experience

- **Harman Connected Services** *Senior Software Engineer, April 2014 - Present*
 - Developed Android modules for device management and FOTA update using Marimba technologies
 - Developed logcollector, analysis and prediction modules using Elastic Search and Logstash
 - Developed low cost proxy server on Raspberry Pi that integrates with Marimba components
 - Ported Marimba components to Linux ARM embedded platform
 - Ported RSA-SSL modules to pure Java SSL implementation to support TLS 1.2 in Marimba
 - Owned resolution tasks of escalations/defects/RFEs from support team
 - Provided technical training, POCs, and conducted interviews for Dev, QA and support roles
- **Udacity** *Independent Consultant, October 2017 - Present*
 - I mentor and review projects of students enrolled in Deep Learning Courses at Udacity

Projects

- **MOOC Projects** *Student, August 2016 - June 2018*
 - Udacity Flying Car Nanodegree - completed backyard-flyer, motion-planning, flight-controller and estimation projects
 - Udacity Deep Learning Nanodegree - completed bike-ride-prediction, sentiment-analysis using IMDB data, dog-image-classification using CNN, tv-script-generation using RNN and face-generation using GAN projects
 - Udacity Android Nanodegree - completed the-moviedb-app, baking-app and waxtree-app projects.
- **OpenWARP** *Opensource Contributor, August 2016 - October 2016*
 - In series of paid challenges from Topcoder, I have created installer for Windows, Linux and Mac.
 - created testscripts to test geometries by porting third party libraries, bug-fixing and documentation.
- **Stanford Scholar Initiative** *DRI, December 2016 - January 2017*
- **Beacon - final year project** *Student, August 2012 - April 2013*

Education

- **Asia Pacific Institute of Information Technology** *Panipat, Haryana*
 - *B.E., Computer Science* *August 2009 - September 2013*
 - Courses:** Mathematics, Algorithmics, Datastructure, Databases, Design Patterns, Project Management

Publications

- **Academic research paper:** Genetic Approach to Travelling Salesman Problem.

Awards

- GoldMedal (2013, awarded to top candidates of the graduating batch)