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| **Binit Kumar** | | kumar.binit1992@gmail.com |
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| Montreal, Canada H2K 4G3 | | [linkedin.com/in/binit92](https://www.linkedin.com/in/binit92/) |
| **Skills** |  | | |
| **Development:** Android, Java, Python | **Data Science:** Deep Learning, Elastic Search, Python | | |
| **Professional Experience** |  | | |

* **Harman Connected Services** *Senior Software Engineer, April 2014 – August 2020*
  + 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 test scripts to test geometries by porting third party libraries, bug-fixing and documentation.

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| • **Stanford Scholar Initiative** | *DRI, December 2016 - January 2017* |
| • **Beacon - final year project** | *Student, August 2012 - April 2013* |

# Education

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| **Concordia University**  *MACS, Computer Science* | Montreal, Canada  *January 2021 – Current* |

**Courses:** Advanced Algorithms, Advanced Programming Practices, Distributed System Design

**Publications**

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

# Awards

• Gold Medal (2013, awarded to top candidates of the graduating batch)