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| **Binit Kumar**  Phone: +1(514)-209-5992  Email: kumar.binit1992@gmail.com  Montreal, Canada H2K 4G3  linkedin.com/in/binit92  github.com/binit92  Concordia Student ID: 40172005 |  |
| 14-08-2021  Anna Kruzynski  Community and Public Affairs  Concordia University  Email: anna.kruzynski@concordia.ca |  |
| Dear Anna Kruzynski,  I am writing to apply for the position of **Research assistant youth-led initiatives, Project Number: Q-33170-22** as advertised on the Concordia website. I am currently a graduate student at Concordia pursuing master’s in applied computer science.  Prior to enrolling in Concordia University, I was working as a Senior Software Engineer at Harman Connected Service, subsidiary of Samsung Electronics in Pune, India. I have total work experience of six years where I have worked with different stakeholder including peers, clients, managers, and interns. This experience has taught me written and verbal communication skills in professional settings where I can multitask and outreach stakeholders of varied interest.  I am also a paid active mentor at Udacity where I guide and answer students online in advanced Deep Learning courses as well as review their project submission. The project review happens against a rubric with pre-mentioned specifications with plagiarism check. In addition, I do have an experience of teaching technical course as a guest lecture in MIT WPU University, Pune India.  I have enclosed my curriculum vitae below and would like to get a chance to work in Arts & Science Federation of Association for above-mentioned position, allowing me to gain some experience in non tech jobs. Being an avid reader of economic activities especially in India, I find this job roles interesting to do active research on youth led economic activities across North America. If you require any additional information, please feel free to contact me. Thanks for your time and consideration.  Yours Sincerely,  Binit Kumar   |  |  |  | | --- | --- | --- | |  | |  | | **Binit Kumar** | | kumar.binit1992@gmail.com | | +1(514)-209-5992 (phone) | | github.com/binit92 | | Montreal, Canada H2K 4G3 | | linkedin.com/in/binit92 | | **Skills** |  | | | | **Development:** Android, Java, Unix | **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)