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| Image result for university of victoria letterheadSunil **Kumar** | [*sunilkumarsheoran@gmail.com*](mailto:sunilkumarsheoran@gmail.com)  *+1-6043674432*  [linkedin.com/in/sunilkumarsheoran](http://www.linkedin.com/in/sunilkumarsheoran)  *ECS 412, University of Victoria,*  *Victoria, BC, Canada. V8P 5C2* |

I am a Master of Computer Science Student at University of Victoria. I have 3 years of software developer experience with software product companies including Drishti-Soft Solutions aka Ameyo and Zillious Solutions in India. Seeking co-op opportunities where I can fully utilize my skills for the success of the organization and learn new skills for the cutting edge of technologies in the industry.

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| Education M.Sc. in Computer Science [ Jan 2019 – Expected Jan 2021 ]University of Victoria – 7.33 / 9.0 GPA Projects: Training an DQN agent for Coinrun ([GitHub](https://github.com/Unimax/coinrun-dqn-pytorch)) and Matchmaking for online multiplayer games ([GitHub](https://github.com/Unimax/CSC562-FinalProject-Matchmaking-for-games-using-open-match)). B.Tech. in Information Technology [Aug 2010-May 2014]NIT Durgapur - 8.10 / 10.0 CGPA Projects: Collage Study Point Website ([GitHub](https://github.com/Unimax/studentcorner)), Digital Clock on Multisim and Exploration bot. 12th & 10th CBSE [March 2007 & March 2010]K V Bengdubi - 85.8 % & 79.8 %Projects: Book Shop Management, Tic Tac Toe bot | Technical Skills   * Languages : Java, JavaScript, Python, Golang, PostgreSQL, MySQL, C, C++, PHP, CSS, HTML, Shell, LATEX. * Tools : Docker, Kubernetes, Google Cloud Platform, Office, Adobe Photoshop, gRPC, Swagger, REST APIs, Git, GWT, JDBC, Hibernate, Eclipse, PyCharm, OOPs, Data Structures, Deep Learning, Electron, Angular, Slack, Eclipse Modeling Framework, Jasper Report, uxpin. * Operating Systems : Linux, Windows |

# Experience

### JULY 2018 – December 2018

## Technician Associate / Zillious Solutions, New Delhi, India.

### Implemented a solution for a long-standing issue (java enum limit) requiring minimum changes in the application.

### Design and developed support for customizable voucher and integrated multiple payment gateways.

### Integrated pre-developed machine learning model into the application for finding duplicate hotels.

### JUNE 2014 – SEPTEMBER 2016

## Software Developer / Drishti-Soft Solutions, Gurugram, India.

### Majorly worked on Ameyo Report (GWT based front-end and Jasper based backend) this includes UI Renew, transformer (de-normalize data for reporting) modeling to ease generation of new transformers and backend enhancements.

### Created a Report Scheduler (Quartz library) with support for Centralized Reporting (Ameyo ART) and Graphical Reports.

### Increased performance for a large customer’s database (PostgreSQL) by 80-90% using table partition and Multicolumn Indexes.

### Increased the Stats Manager’s performance by 60% using cache (SoftHashMap) for reflective calls.

### Developed a context-aware Report Designer: Front-end GWT UI filled with generated data based on Model instances (.xmi) and output from the UI is a Model (EMF) object (.drxml) which converted by backend into jasper-based object (.jrxml).

### Created Magic Numbers: Predict hardware requirements (CPU, RAM and HDD) based on customer requirements for reporting server.

### Automate HDFC collection process. Fresh UI, Integrating HCP for storage, SSO Authenticating server & Centralized Exclusion.

### Awarded with Excellence Award 2016 and won /tmp 2014 (10 days 24x7 coding event).

### Part of Hiring team for the 2016 and 2017 batches. (Question preparation, Interview Rounds and training after hiring).

### June 2013 – AUGuST 2013

## Software Developer Intern / Morphing Machines, Bangalore, India.

* Designed and developed the front-end interface for a research project called ‘Development of A Flexible Framework for A Network On Chip’. We wrote a research paper about it ([GitHub](https://github.com/Unimax/studentcorner/blob/master/VLSI2014Paper.pdf)).

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| **Hobbies**   * **Video Games** (2nd in COBX and Aorus Land 2017 National DOTA 2 tournament, Won Playtonia & Indian LAN Gaming Cup) * **Karate** (Green belt Shūkōkai Karate) * **Solving Programming Problems** (1st place in behind the Scene and InCanity in MuKTi ’13 and 2nd place in Simplex in ANK ’12) * **Playing Chess** (3rd, 1st and 2nd position in Regional Sports meet in 2007,2006 and 2005. Hence went in Nationals three times) |