TOPGYAL GURUNG
Elmhurst, Queens, NY 11373

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EDUCATION

Hunter College, City University of New York (CUNY)   **Manhattan, NY**
Bachelor of Arts, Computer Science   Graduated January 2020
>   **GPA:** 3.23
>   **Relevant Courses:** Software Analysis & Design, Capstone in Machine learning, Computer Architecture, Database Management, Operating System, Supervised Research, Web Development, Applied Statistics

LaGuardia Community College   **Long Island City, NY**
Associate in Science, Computer Science with Honors   Graduated August 2017
>   **GPA:** 3.65

WORK EXPERIENCE

Research Foundation CUNY   **Manhattan, NY**
Curriculum Consultant   August 2020 – February 2021
- Adapt various cybersecurity resources including CloudLab & network security labs
- Researched various CodePath cybersecurity curriculum resources
- Collaborated with managers & team on various CTFs with the mission to make a course at Hunter College

Real Factors   **Astoria, NY**
Data Engineer Intern   June 2019 – August 2019
- Achieved all milestone of solving complex triangle issue in frontend report map by parsing Well-Known Text into strings in Big Query SQL
- Utilized joins, partitions to create tables & views in GCP Big Query Analytics Datawarehouse with various datasets
- Used transformations, aggregations, and filtered data in the company's Data Catalog integrated with open source Apache Superset enterprise business intelligence web application
- Created dashboards, time series charts, and reports in the company's Data Catalog

CUNY 2X Tech Talent Pipeline   **Hunter College, NY**
Student Software Engineer   May 2019 – June 2019
- Selected for competitive bootcamp that covered full-stack software development methodology in Agile Scrum
- Built Full stack web application with React, Redux, Node, Express, and Sequelize ORM for PostgreSQL
- Applied advanced JavaScript concepts, DOM manipulation, external REST API request

Statistical Machine Learning & Translation Group   **Hunter College, NY**
Student Researcher   September 2018 – May 2019
- Learned concepts on NLP, deep learning models by analyzing recent research paper on the state of the art models on arxiv.org
- Trained Deep Learning models on CUNY HPC using TensorFlow, PyTorch, Linux shell and Nvidia CUDA to test performance & improve the state of the art on machine translation

PROJECTS

- **Personal Portfolio**: topgyaltsering.github.io/cv (for additional information and projects)
- **Travel Diary:** Google Geocoding API with a database and Visualize Data|github.com/topgyaltsering/TravelDiary
- **Data Analysis:** House Sales Prediction| github.com/topgyaltsering/House-sales-prediction
- **CUNYFirst2.0**: Course Registration Full Stack Web Application |github.com/db101097/CunyFirst2.0

TCHNICAL SKILLS

- **Languages (Proficient)**: Python, SQL, C++, Java, HTML, CSS, JavaScript
- **Databases**: PostgreSQL, SQL Server, MySQL, **Data Warehouse**: SSIS, Redshift, BigQuery
- **Software Applications**: VS Code, Vim, Git, REST API, AWS, Linux/Unix, Scrum, Docker, WEKA
- **Data Science**: Anaconda, MS Excel, Power BI, Tableau, Pandas, Scikit-Learn, Numpy, Matplotlib

ADDITIONAL INFORMATION

- **Computer Skills:** Microsoft Office (Excel, Word, and PowerPoint) and majority of programming languages
- **Languages:** Bilingual in English and Nepali, Tibetan (advanced), Hindi (conversational)
- **Trainings and Certifications:** Python for Everybody Specialization, University of Michigan (July 2021), CodePath Cybersecurity Course for CUNY Baruch College (Fall 2020)
- **Interests:** Community Service, Blockchain, Mindfulness, Research, Emerging Technologies, Physics