TOPGYAL CHHIRING GURUNG

Elmhurst, New York | 347-935-9179 | Topgyaltsering3@gmail.com | topgyaltsering.com

EDUCATION

Hunter College, CUNY   Graduated: Dec 2020
Bachelor of Arts, Computer Science
- **Relevant Courses**: Software Analysis & Design, Capstone in Machine learning, Computer Architecture, Database Management, Operating System, Supervised Research, Web Development, Applied Statistics

WORK EXPERIENCE

Associates/Assistant to CEO   Soul Chants Music   **Nov 2021- Oct 2022**
- Managed various third parties' contracts, bookings and liaised with other vendors for websites.
- Managed principal's calendar, communications, travel, and office administrations in the areas of education, music, and business
- Organized support, set up key meeting events

Cybersecurity Curriculum Consultant   **Research Foundation of CUNY**   **Aug 2020 – Feb 2021**
- Adapt various cybersecurity resources including Cloud Lab & network security labs.
- Researched various Code Path cybersecurity curriculum resources
- Collaborated with managers & team on various CTFs with the mission to make a course at Hunter College

Data Engineer Intern   **Real Factors (7Park Data)**   **June 2019 – Aug 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

Student Software Engineer   **CUNY2X Tech Talent Pipeline**   **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

Student Researcher   **CS Professor, Hunter CUNY**   **Sep 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

SKILLS

- **Software**: (proficient) Python, Java, SQL, Git, Unix (familiar) C++, JavaScript, HTML/CSS
- **Data Science**: Power BI, Pandas, NumPy, Scikit-Learn, TensorFlow, Big Query SQL, GCloud
- **Computer Skills:** Microsoft Office (Excel, Word, and PowerPoint)
- **Languages:** Bilingual in English and Nepali, Tibetan (advanced), Hindi (conversational)
- **Interests:** Community Service, Blockchain, Mindfulness, Research, Emerging Technologies, Physics

TRAININGS AND CERTIFICATIONS

- Python for Everybody Specialization, University of Michigan (July 2021)
- Code Path Cybersecurity Course for CUNY Baruch College (Fall 2020)