



Bibek K.C

Smart Technology Enthusiast

About Me

Hello! I'm **Bibek** [Boy Is Bold, Easygoing & Kind]. I am passionate about learning new things and want to invent things that ease our daily life. I am a 3rd Year Undergraduate student at KAIST, South Korea and Double Majoring in Electrical Engineering and Computer Science. I can bring diversity to the table, applying knowledge from various domains of these two fields.

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Professional Skills

Python	Airflow	Plotly	Git	Dedicated, quick learner and a doer
C	Tensorflow	Vegalite	D3	Team player, believing in team spirit & unity
Strawberry (GraphQL)	Matlab	Numpy	Java	Knowledge on circuit-design and signal processing

Work Experience

Backend Developer Intern at Bisonai, Seoul

Jan, 2022 - Feb, 2022

- Built data pipelines (DAGs) in Airflow to collect DeFi data from various sources like Uniswap, Cointegrate and stored them in MongoDB Atlas.
- Implemented backend API server using FastAPI and Strawberry (Python GraphQL Library) to provide DeFi data from MongoDB for users interested in knowing DeFi data from multiple Decentralized Exchanges.
- Challenged by requirement to gain an in-depth understanding of raw DeFi data and their importance to Bisonai's ML based System Trading project.

Project Intern at Interactive Computing Lab, KAIST

Jul, 2021 - Aug, 2021

- Made a simple tutorial for data pre-processing and visualizing plots with Vegalite and D3.js in ObservableHQ notebook for beginners to learn Data Visualization techniques using Javascript track.
- Reference: observablehq.com/@ic-dataviz?tab=notebooks

Teaching Assistant at British Model College (BMC)

Jul, 2017 - Oct, 2017 and Feb, 2018 - May, 2018

- Taught students on A-Level subjects such as Physics, Chemistry, Biology and Mathematics
- Counseled students giving examination tips and college application suggestions.

Others:

- Part-time A Levels Tutor at BNS Education Hub, New Road, Kathmandu [Jan, 2018 - Jun, 2019]
- Class Representative (CR) in British Model College for 2 years
- Prefect of Swarnim School during class 10
- Executive Member of Global Peace Young Leaders (GPYL) [Jun, 2018 - Jun 2019]
- General Member of Society of Nepalese Students in Korea (SONSIK) [Sep, 2021 - Present]

Education

Bachelor of Electrical Engineering and Computer Science from KAIST, Daejeon, South Korea (2019 – 2023)

GCE A Levels from British Model College, Kathmandu, Nepal (2015 – 2017)

Grade 8–10 from Swarnim School, Kathmandu, Nepal (2013 – 2015)

Grade Nursery–8 from Khimti Project School, Dolakha, Nepal (2002 – 2013)

Achievements

- Won the Social Innovation Award in SDG Hack 11, TSINGHUA GLOBAL SUMMER SCHOOL 2021 with topic 'AI to Solve Education Accessibility Problems in Rural Areas'
- Common Purpose Alumni and awarded the badge "Inclusive Leadership 2021"
- Gained the highest mark in Nepal for AS Level Chemistry in Nov, 2016 examination series
- Secured 2nd position in Quiz in Budhanilkantha Inter-School Olympiad, 2016
- Secured 3rd position in Cassini Scientist For a Day Contest, 2017
- Best student of the batch 2015/2017 in British Model College

KAIST Activities

- Candidate for 2019–Winter Alma Mater visiting program and conducted KAIST info session at my high-school: [LINK](#)
- Video won the 'Excellence Award' in 2020 Happy KAIST UCC Contest to aware about mental health: [LINK](#)
- Paper (Idea) won the 'INSIGHTFUL' award in the online Public Relations strategy contest, 2020 for KAIST admissions to engage in international communities
- Second winner on the writing contest, 'What is like studying at KAIST?' organized by the KAIST Admission Office in December, 2019
- International Community Representative of Nepal for Spring 2020, Spring 2021, Fall 2021 and Spring 2022
- Online Mentor for new international students of Fall 2020, Spring 2021, Fall 2021 and Spring 2022
- Credits completed: 98 and list of courses taken each semester: [course-records](#)

Contact Me

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