

# Bibek KC

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<https://bibekyess.github.io/CV/>

## Summary

I am passionate about learning new things. I am interested in technology-oriented activities that ease the lifestyle of common people or solve any existing problem using new tools like AI. I am a 4th Year Undergraduate student at KAIST, South Korea and Double Majoring in Electrical Engineering and Computer Science.

## Experience



### Research Intern

Robust Intelligence & Robotics Lab, KAIST

Jul 2022 - Present (1 month +)

Working on Scene Graph Generation (SGG) for Robot Manipulation Task



### Backend Developer Intern

Bisonai

Jan 2022 - Feb 2022 (2 months)

- Built data pipelines (DAGs) in Airflow to collect DeFi data from various sources like Uniswap, Coingecko 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.



### Data Viz Project Intern

Interactive Computing Lab, KAIST

Jul 2021 - Aug 2021 (2 months)

- Made a simple tutorial for visualizing plots with Vegalite and D3.js in Observable notebook for beginners to learn Data Viz techniques using Javascript track.
- Felt challenging to make tutorial materials of D3.js (for beginners) as it has a steep learning curve.



### Coordinator and Tutor

A Levels Ex-students Tutoring Center (ETC)

Jul 2018 - Jun 2019 (1 year)

- Taught home-tuitions on hourly basis for A-Level students on Chemistry, Physics, Mathematics and Biology. I connected to students by publishing advertisements on hamrobazaar.com and asking for referrals of my teachers.
- Felt challenging to manage the tutorial classes of other tutors as all communications and agreements were mostly made on phone, there was no offline office.



## Teacher Assistant

The British College, Kathmandu

Jul 2017 - May 2018 (11 months)

Conduct tutorial lectures and helping sessions- help/guide students if they have problem understanding any topics of the course (Chemistry, Physics, Mathematics and Biology)

## Education



### Korea Advanced Institute of Science and Technology

Bachelors, Electrical Engineering and Computer Science

Aug 2019 - Aug 2023



### Tsinghua University

Global Summer School 2021, AI and Sustainable Development Goals

Jun 2021 - Jul 2021



### British Model College

High School Diploma, Chemistry, Biology, Physics, Mathematics

2015 - 2017

## Licenses & Certifications



**Inclusive Leadership 2021** - Common Purpose

## Skills

Python (Programming Language) • D3.js • C (Programming Language) • JavaScript • TensorFlow •  
Vegalite • Strawberry (GraphQL) • Git • Linux • Dedicated, Quick Learner & Doer

## Honors & Awards



### Social Innovation Award - Tsinghua University

2021

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'



### Country Topper in AS Level Chemistry - University of Cambridge

Nov 2016



### Best student of the batch 2015/2017 - The British College, Kathmandu

2017

Awarded on the basis of academic performance and the contributions to the college.



### 2nd Position in Inter-School Olympiad - Budhanilkantha School

2016