Rohan Chhetry

I am a computer engineering student at Pulchowk Engineering Campus. Possess a keen thirst for knowledge, hardworking and dedicated to tasks. Keen in pursuing a career in software development, data analysis and Artificial Intelligence related fields.

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EXPERIENCE

Data Analyst Intern — *eXtensoData*

June 2022 - July 2022

https://extensodata.com/

Extenso data is a company under the jurisdiction of F1-soft which houses companies such as esewa and phonepay taht have revolutionized the fintech of Nepal. Learned ETL tools apache Airflow , visualization tool pentaho , python and MySQL with various other concepts and domain knowledge required for a data analyst.

Quality Assurance Tester for OpenIMIS

March 2022 - April 2022

https://www.openimis.org/

The major release of OpenIMIS with new modular design. OpenIMIS is an open source software for health financing. Testing involved automated testing that involved use cases and checks with comments.

Fusemachines AI Fellowship

March 2022 - Present

https://fusemachines.com/

A year long scholarship educational program with key AI microdegrees of Machine Learning , Deep Learning , Computer Vision and Natural Language Processing. Offered by fusemachines a USA and Nepal based AI Service provider.

Imperial Court Society —*IT consultant*

December 2021 - May 2022

Working as an on-call IT support for the o ce , mainly involves fixing software and hardware issues. Worked with repair and replacement of computer hardware.

Kids Sansar — *Photographer*

September 2018 - October 2018

A project aimed at kids , the locations suitable for kids entertainment and accessories in kathmandu valley

EDUCATION

Pulchowk Engineering Campus, Pulchowk,

Lalitpur, Nepal — *Bachelor in Computer Engineering*

November 2018 - Present

Predicted grade: First Division.

Key modules: Data Structures and Algorithms , Database , Object Oriented Programming , Software Engineering , Artificial Intelligence.

United Academy Secondary School,

Kumaripati,Lalitpur, Nepal — *High School Degree*

June 2016 - May 2018

Field: Science (GPA - 3.57)

SKILLS

Time Management Creative
Leadership Problem Solving
Presentation
Computer Programming Computer Hardware

PROGRAMMING LANGUAGES

C , C++, Python , HTML,CSS and Javascript

LANGUAGES

Nepali(Native) , English (Fluent) , Hindi (Fluent), Japanese (Beginner)

VOLUNTEERING

LEO club of Kathmandu Miracle
—*General Member*

Sept 2020 - July 2022

Key skills learned: Working in an organization hierarchy , self supervised working towards a common goal, leadership and public speaking skills.

LEO club of Kathmandu Buddhigandaki
— *IT Head*

June 2022 - Present

Required to handle all the IT related work with the IT team. Organize and implement programs.

PROJECTS

Smart Attendance
(https://github.com/0000Blaze/Smart-Attend [ance](https://github.com/0000Blaze/Smart-Attendance)). A digitalized approach to the traditional attendance system with features of face recognition and server support. Scraped for data of students and their images, worked on the UI and server side of the application. Used
: python, SQL , HTML/CSS.

Mero Ledger (https://github.com/0000Blaze/MeroLedger). Mero legder is a personal finance managing online application which tracks and recommends financial decisions to user. Worked in the backend with MERN stack (MongoDB , Express and NodeJS)

Higher Education Application Database
(https://github.com/ravip5921/HEAD). HEAD manages a database for all the students of
I.O.E applying abroad for higher education (Master's Level and above) through a simple and light-weight web interface. There are 3 uses categories in HEAD System namely Administrator , Teacher and Student. Worked on HTML/CSS and PHP.

Made my own portfolio page
(https://rohanchhetry.com.np/)([https://githu](https://github.com/0000Blaze/portfolioPage) [b.com/0000Blaze/portfolioPage](https://github.com/0000Blaze/portfolioPage)). Solo project involved making a serverless web page for myself. Worked with HTML/CSS , JavaScript and used google services to enable form submission to google excel sheet without a server.

ACHIEVEMENTS

'Dream Act Achieve Event'
(https://www.studentaffairsnepal.com/).Organized by Student Affairs, Kathmandu , Nepal (15 Jan , 2018) . An event for realizing one's dreams and planning for future studies and success

'Hack A Week'
(https://locus.pcampus.edu.np/) .Organized by locus 2020 (26 Jan,2020). Week long hackathon that involves inception and creation of a working product of proposed ideas .

'Quantum Hack'
(https://nxtgennepal.org/). Nepal's first digital hackathon (28-29 Aug 2020) organized by Nxt Gen. A hackathon with a team of four to make a working product of a proposed idea.

'3rd NAAMII winter school in AI'
(https://www.naamii.org.np/). A 10 day (20- 30 Dec 2021) comprehensive school in AI involved AI experts and enthusiasts for all education levels (Ph.D , Masters and Bachelors) exploring various improvements and latest papers in Artificial Intelligence.

'AeHIN Hour'
(https://www.asiaehealthinformationnetwork.org/). Presenter for 'OpenIMIS status and implementation in Nepal' (8 March 2022). Asia eHealth Information Network is a collaboration of digital health advocates created by the World Health Organization in 2011 to help Asian countries with digital health development. AeHIN is a nonprofit organization incorporated in Hong Kong and maintains a secretariat team in Manila, Bangkok, and Kuala Lumpur.

'Datathon OpenIMIS - DRG Thailand Winner'
(https://card.ioe.edu.np/openimis-drg-datathon/). Winner in the datathon organized by AeHIN , IOE , SIL-TH ,OpenIMIS and CARD. The datathon lasted 72 hours (June 3 - 5, 2022)and involved the mapping of the successful DRG thailand data model with the OpenIMIS data model.