

OBJECTIVE

Dedicated and motivated Civil Engineer/Programmer seeking Graduate School to facilitate my personal and academic growth as well as apply academic knowledge, many software skills and programming skills to aid the Graduate Study.

GENERAL SKILLS

- Computer and internet skills
- Proficiency in Software packages
- Detail oriented
- Time management
- Conflict resolution
- Adaptability
- Quick learner
- Creativity

LINKS



[gaurav-atreya-ba5835115](https://www.linkedin.com/in/gaurav-atreya-ba5835115)



[Atreyagaurav](https://github.com/Atreyagaurav)

REFERENCES

AVAILABLE ON REQUEST.

TECHNICAL SKILLS

SOFTWARES:

- AutoCAD – 2D/3D modelling, **VBA**, **parametric drawings**, etc.
- AutoCAD Civil 3D – Terrain modelling, **Subassembly composer**, etc.
- Ms. Office – including **VBA**, (Have created **Excel add-in** in C#).
- GIS (QGIS/ArcGIS) – Vector/Raster/RDBMS/Cartography.
- Adobe Photoshop CS/CC – Photo/**Animations**.

PROGRAMMING:

- Intensively worked on: Python, C/C# & VBA.
- Knows the basics of: C++, Java, SQL, Ruby, etc.
- Learning: Golang, R & CLISP.

OPERATING SYSTEMS: Windows, Linux

EDUCATION

BACHELOR'S IN CIVIL ENGINEERING • 2018 • IOE, PULCHOWK

Final year project work on: 'Prefeasibility Study of Sunkoshi Small Hydropower Project'

TEST SCORES

GRE: 329 (Quant-169; Verbal 160)

TOEFL: 107 (Reading-29; Listening-28; Speaking-23; Writing-27)

PROFESSIONAL EXPERIENCES

ASSOCIATE SOFTWARE ENGINEER • EYDEAN INC. • 2019(OCT-PRESENT) • KATHMANDU, NEPAL

Data Science (trainee); Machine Learning; Artificial Intelligence.

CIVIL ENGINEER • TAC HYDRO CONSULTANY PVT. LTD. • 2018 NOV-2019 AUG • LALITPUR, NEPAL

Design/Drawings/Report preparation of Hydropower Components; Generation of 3D models; GIS analysis, etc.

CIVIL 3D INSTRUCTOR • IOE PULCHOWK • 2018 DEC • LALITPUR, NEPAL

7 day training program organized by Civil Engineer's Students Society (CESS), IOE, Pulchowk Campus.

INTERN • BUTWAL SUB-METROPOLITAN • 2018(OCT-NOV: 6 WEEKS) • BUTWAL, NEPAL

Works: Municipal drawings of buildings; Planning of Urban road/Transport village; Estimating, Preparation of BOQ, etc.

RESEARCH EXPERIENCE

UNPUBLISHED PAPER (UNDER PROGRESS):

"Determination of Forces on Anchor Blocks and Stability Analysis in a 3 Dimensional Plane with Vector Approach"

