

Araave Laghari

Montreal, Quebec | (514) 514-5145
alaghari@protonmail.com | linkedin.com/in/araave-laghari

Profile

- Skilled in map reading, reviewing blueprints, design techniques, and computer-aided design software
- Knowledge of construction industry standards, including green building practices
- Proficient with various software, such as Civil 3D, AutoCAD, STAADpro, and Primavera
- Well-versed in various programming languages, such as C, C++, and Python

Education

Master's Degree in Civil Engineering – Construction Management 2039 – 2041

Concordia University, Montreal, Quebec

- Dean's List: 2040-2041
- Grade Point Average: 3.64/4.3
- **Relevant courses:** Project Management, Project Cost Estimation, Legal Issues in Construction, Building Information Modelling, Trenchless Rehabilitation Technical Works

Bachelor's Degree in Technology and Civil Engineering 2035 – 2039

Amity School of Engineering and Technology, Delhi, India

- Adjusted Grade Point Average: 3.9/4.3

Technical Skills

Civil 3D, Geographical Information Systems (GIS), Engineering Design, Construction Document Preparation, Project Management, Cost Estimation, Site Development, Water Quality Management, Technical Report Preparation, Project Specifications Preparation, Technical Specifications Preparation, Wastewater Systems management, Engineering Plans Preparation

Language Skills

Fluent English, Native Hindi

Career-Related Experience

Junior Engineer Intern May/Aug 2039

NCK, Montreal, Quebec

- Created profiles for sewer lines, water lines, bore pits, and curb and gutter designs using Civil 3D
- Prepared construction documents and progress reports for a water treatment plant
- Performed general civil design for residential and commercial site development projects
- Cataloged stormwater features using digital photography and incorporated them into GIS database
- Prepared technical guidelines, reviewed project specifications, and maintained technical files
- Performed analysis on water and wastewater samples to comply with Environmental regulations

Junior Engineer Intern

Jul 2038

National Building Construction Corporation (“NBCC”), New Delhi, India

- Prepared preliminary construction cost estimates as part of engineering design feasibility reports, project budgets, and applications for project funding
- Executed project-funding reviews for the disadvantaged community housing program and determined remnant funds available to award construction projects
- Prepared Project-Specific Water Quality Management Plans and Hydrology reports
- Assisted with quantity surveying and cost estimation
- Performed experiments to test materials and ensure they are qualified for construction

Junior Engineer Intern

May/Aug 2037

Bhava Engineers, Gurugram, Haryana, India

- Prepared reports encompassing raw technical data; made effective cost estimates and recommendations as necessary on various projects
- Performed design, established general layout, and CAD drafted site plan and engineering plans for commercial and residential developments
- Prepared written technical reports and engineering studies using approved formats
- Performed practical applications with the various tools in Staadpro for designing buildings

Academic Projects**Wastewater Management in Pulp and Paper Industry**

Jul 2016

- Researched and analyzed the manufacturing process of pulp, challenges faced by the pulp industry, and paper manufacturing from pulp and waste papers
- Familiar with the techniques used in managing wastewater

Presentation on “Data mining techniques in Civil engineering”

Feb 2019

- Performed data mining using various techniques, such as track patterns, classification, and association

Academic Achievements

Ashok Chauhan Academic Scholarship, Amity University

2016 - 2020

Merit scholarship holder throughout bachelor’s degree

2016 - 2020

Bronze Medal in Bachelor of Technology

Mar 2020

Interests

Reading Civil Engineering Blogs, Creating Small QOL improvement projects in Python