

ISHAN AJITKUMAR CHAUDHARI

Unit 3, 38 Eleanor Drive, Ottawa, Ontario, K2E 5Z7

+1(613)-501-5345

ishan.chaudhari1209@gmail.com

OBJECTIVE

To obtain a full-time position in the field of Civil Engineering that utilizes my analytical and interpersonal skills.

SKILLS

- **Computer:** AutoCAD 2D AND 3D, Abaqus, Agisoft Photo scan, AutoCAD RECAP, IHSDM, Sketch Up, ArcMap 10.5.1, Arc Scene 10.5.1, MS Office, MS Project, MATLAB
- Ability to interpret complex data using Trigonometry and Geometry
- Ability to adapt to new procedures under stressful conditions
- Capable of paying attention to details and a quick learner
- Good problem-solving skills
- Proactive and willing to take on new challenges
- Ability to maintain different status reports for developing projects

WORK EXPERIENCE

Teaching Assistant	Carleton University	January 2018 – Present
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- Acting as a teaching assistant under Prof. Rimple Sandhu for Mechanics – I (Under graduate students)
- Responsible for grading papers, field questions and providing review sessions.
- Responsible for teaching tutorials and solving any doubts related to sessions or subjects.
- Proctor exam session and seminars for undergraduate students.

Teaching Assistant	Carleton University	September 2017 – December 2017
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- Acted as Teaching Assistant in laboratory for Geotechnical Mechanics-I under Dr. Ning Guo for the 3rd year undergraduate students.
- Responsible for evaluating lab manuals, assignments and midterm.
- Supervised midterm exams and helped students in analyzing their problems and provided solutions.

Field Engineer	Kshitij Construction Pvt. Ltd. Ahmedabad, India	August 2015 – May 2016
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- Successfully planned and executed construction work for 5 different residential apartment buildings of 7 floors each.
- Developed schedules for major activities-excavation, foundation, retaining walls, column erection and slab and beam formwork.
- Under the supervision of Project Supervisor handled a large work force of skilled labors.
- Aided in the supervision of the reinforcing steel, concreting and quality assurance work.

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Engineering Intern Seven Leisure's Pvt. Ltd., Ahmedabad, India May 2014 – August 2014

- Familiarized with drawings and construction techniques at 14-story 950,000 sq.ft. club facility under project superintendent.
- Maintained warehousing of materials and equipment, tracked concrete materials and produced daily log and report.
- Assisted with submittals, as-builts and change orders encountered during the project.
- Supervised the work, analyzed productivity and rate of Ready mix concrete plant at site.

EDUCATION

- **Master of Engineering in Civil Engineering** **August 2016 – April 2018 (expected)**
Carleton University
- **Bachelor of Engineering in Civil Engineering** **July 2011 – May 2015**
L.D. College of Engineering, Ahmedabad, India (CGPA 7.31/10)

ACADEMIC PROJECTS

- Prepared term paper on Blast Load Soil Liquefaction explaining in detail the blasting techniques which helps in densifying soil.
- Performed an Analysis of Crimes by Regression Analysis using ArcMap 10.5.1
- Evaluated Highway 15 in Ontario based on Crash Prediction Module, Policy Review Module and Design Consistency Module using IHSDM software.
- Prepared a review article on analysis of arches and buttresses of masonry structures.
- Analysis of Castellated and Cambered beam using Finite Element Methods.
- Worked on a project related to CONTRACT MANAGEMENT which involves tender based information.
- Worked on term paper of optimization of Fly Ash based Geopolymer Concrete.
- Worked on statistical analysis of different intersections in Ottawa.
- Prepared a model of an overhead water tank to study the seismic resistance of it.
- Actively participated in a Surveying project.

ADDITIONAL INFORMATION

- Organized YOUTH ASSEMBLY event in GTU TECHFEST 2012 & 2013, held at L.D. College of Engineering.
- Actively participated in management of different events in a cultural fest SPANDAN 2013.

REFERENCES

Available on request.