

VANSHIKA AHUJA

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OBJECTIVE

To obtain an internship position that provides a challenging environment to enhance my knowledge and foster the skills that I have acquired from my undergraduate coursework in Civil Engineering, specifically Transportation Engineering.

EDUCATION

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

RENSELAER POLYTECHNIC INSTITUTE TROY, NY

MAY 2021

ENGINEERING MASTER OF BUSINESS ADMINISTRATION

RENSELAER POLYTECHNIC INSTITUTE TROY, NY

MAY 2022

EXPERIENCE

MATH AND READING INSTRUCTOR, KUMON

- Mentored K-12 students on math and reading skills, contributed towards providing students with necessary knowledge to become self-learners and communicated with parents to encourage learning inside and outside of class

SALES REPRESENTATIVE, VECTOR SHOWING CUTCO

- Worked as an independent contractor marketing and selling kitchen cutlery, established personal relationships with customers to ensure the best customer service

PHYSICS 2 TEACHING ASSISTANT, RENSELAER POLYTECHNIC INSTITUTE

- Helped students complete labs and understand key concepts, proctored exams, and assisted with grading exams and homework

RELATED COURSEWORK

Introduction to Transportation Engineering

- Explored basic concepts in Transportation Engineering including planning, design, and operations. Solved transportation problems and studied concepts related to highway design, level of service, and demand.

Mass Transit Systems

- Analyzed the concepts of planning, designing and operating urban mass transit systems.

Introduction to Engineering Design and Professional Development 1

- Applied the engineering design process when creating a prototype in a small group of engineers from different disciplines. Worked on teamwork, communication, presentation, and creativity.

Introduction to Management

- Emphasized broad principles of managerial functions using an interdisciplinary approach to goal-oriented situations.

SKILLS

Technical

- Engineering Graphics and Computer Aided Design (NX, AutoCAD, AutoCAD Civil 3D)
- Experience with Python
- Mat lab
- Minitab
- SAP2000
- HEC-HMS Hydraulic Engineering Center
- Office Suite: Word, PowerPoint, Excel

EXTRACURRICULARS

Flight Club

American Society of Civil Engineers

Society of Women Engineers