

Meet Patel
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Permanent Address

552 Burts Pit Road
Florence, MA, 01062

Summary Statement:

Technically and eugenically robust engineering student with hands-on experience in traffic and structural analysis as well as simulation in independent and team-based projects.

Education:

University of Massachusetts Amherst

Fall 2017- 2018

Bachelor of Science in Civil & Environmental Engineering, GPA 3.2

Springfield Technical Community College

Fall 2014-2017

Associates of Science in Civil Engineering

Relevant Courses: Statics, Strength of Materials, Probability & Statistics, Thermodynamics, Public Transportation, Water & Wastewater management, Fluid Mechanics, Structural Analysis, Surveying, Soil Mechanics, Traffic Engineering, Intelligent Transportation Systems, Foundation Engineering, Design of Steel Structures, Water Resources & Engineering Sustainability

Experience:

Interned at an Ice-cream Company

Summer 2018

- Worked with marketing partners, leaders and relationship managers to expand an ice cream company

Obtained experience in tensile testing and concrete mixing

Spring 2017

- Conducted foundation concrete mixing and monitoring on a regular basis.
- Maintained all required task logs on a daily basis.
- Assisted with a variety of minor site labor tasks as required.

Academic Projects:

CE 411 UMass Campus Synchro Analysis

Spring 2018

- Analyzed and improved the current roadway network at UMass using Synchro
- Typed up a technical report

CE 410 Corridor Improvement Project

Spring 2018

- Researched and redesigned a transit system for a corridor in California
- Prepared a poster and did a presentation

CEE 210 Surveying Project

Spring 2017

- Surveyed a specific area of the STCC campus
- Determined the elevations at different locations and modeled it on AutoCAD

EGR 103 Solid Works Laker Tip-Up Modeling

Fall 2016

- Disassembled, measured 24 pieces of Laker tip-up, and recreated its model on Solid Works
- Presented a PowerPoint presentation for findings and design
- Typed up a technical report

Skills:

Technical Skills: MSOffice, MATLAB, Solid Works, Synchro

Languages: English, Hindi, Gujarati, Marathi

Interests:

Outdoor activities, Basketball, Table tennis, Travelling