

# Harry Cavigli

Civil Engineer

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📍 Gloucester, MA

in www.linkedin.com/in/harry

## SUMMARY

Meticulous & detail-oriented engineering professional adept at preparing precise structural drawings in accordance with exact specifications as part of facilitating the execution of critical construction projects. Proven ability in coordinating site inspections and adherence to quality norms for ensuring the structural integrity of common area components.

## KEY SKILLS

- Project Planning & Design • Construction Drawing • CAD • Project Sampling • Plan Coordination
- Site Inspection • Documentation • Research • Requirement Gathering • Construction

## EDUCATION

Certification in Civil Engineering Technologies

Jan '19 - Present

Rowan College of South Jersey

Gloucester, MA

## INTERNSHIPS

Site Engineer - Intern

Mar '20 - Present

Nexgend, Inc.

Gloucester, MA

### Project Planning

- Deploying a **CAD workstation** to prepare engineering drawings consisting of basic arrangements, layouts, as-built, etc.
- Assisting 2 senior city engineers in designing, preparing plans, **constructing**, and maintaining city projects

### Project Design & Execution

- Coordinating with 3 senior engineers for research, development, and design for **5 projects** while crafting inspiring spaces
- Aiding the Area Engineer in managing **significant project developments** to ensure execution as per original designs

### Project Sampling

- Documenting contractors' labor, equipment & work performed while **collecting all required samples** & tests for 3 projects
- Obtaining **documents for materials** incorporated into construction projects like gravel, bricks, and stones

Civil Engineering Intern

Jun '19 - Jan '20

Integrated Corporation

Gloucester, MA

### Plan Coordination

- Helped in the coordination of **bridge projects** from conception through final plan preparations
- Gained proficiency in preparing construction plans and details for **transportation structures**

### Site Inspection

- Rendered assistance to 4 engineers in inspecting above water and **underwater bridges** while creating reports of the same
- Assisted 5 senior engineers in designing site and equipment specifications while attending **site visits**

## VOLUNTEER EXPERIENCE

- Piano Lesson Instructor | Rightshelter Home for Girls | Feb '20 - Present

## ADDITIONAL INFORMATION

- Languages: English (Native), Spanish (Fluent)