**Nicholas Giglio, EIT**

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**Objective:** Engineer-in-training with an interest in Transportation Construction, looking for experience towards becoming a professional engineer/construction project manager.

**Education:**

**Pennsylvania State University:** Harrisburg Campus

B.S. Civil Engineering May 2019

**Relevant Courses:**

Design of Concrete/Steel Structures Construction Proj. Management Construction Eng. Materials Transportation Design/Planning

**Licenses/Certifications:**

* Engineer in Training License Number: ET027788
* ACI Concrete Field-Testing Technician – Grade 1 ID Number: 01887940
* FAA Remote Pilot Cert. No: 4291301
* PennDOT/NECEPT Concrete Field-Testing Technician Cert. No: 562881
* PennDOT/NECEPT Asphalt Field Technician Cert. No: 562881
* NICET Highway Construction Inspection – Level 1 Cert. No: 153474

**Work Experience:**

**Urban Engineers** – Allentown, PA 2019-present

Positions held: Transportation Construction Inspector (TCI-2)

*Project: PA 100 Full Depth Reconstruction (ECMS 102311)*

* Duties include monitoring daily construction work to ensure overall compliance with plans, specifications, and standards
* Inspected each aspect of full depth road reconstruction, including grading, paving, inlet/manhole placement, pipe runs, concrete curb/island placement, ADA ramps/sidewalk, traffic pattern switches, E&S control, materials testing

*Project: Tilghman Street Bridge Rehabilitation (ECMS 11565)*

* Duties include monitoring daily construction work to ensure overall compliance with plans, specifications, and standards
* Reviewed contractor and subcontractor payroll to ensure compliance with federal wage rates
* Authorized payments on behalf of the project owner when specific work was completed by contractor

**PennDOT: District 5 Construction and Design Internships** – Allentown, PA Summer 2017, Summer 2018

Construction Division: ECMS #57615 - Fullerton Avenue Interchange/US 22 Lehigh River Bridge Reconstruction

* Assistant to Inspector-In-Charge, helped with daily inspections and recorded daily Project Site Activities
* Performed daily traffic control checks and weekly detour control checks independently and reported to the consultant and contractor with any necessary info

Design Division: Bridge Unit

* Assisted with design of in-house bridge maintenance projects in District Office
* Helped conduct bridge and sign structure inspections; designed interactive map to assist with navigating to inspection sites

**Dorney Park and Wildwater Kingdom** – Allentown, PA 2013-2017

Positions held: Area Supervisor, Lifeguard, Aquatics Attendant

* Promoted from Aquatics Attendant (2013-2014) to Lifeguard (2014-2015) before being chosen for supervision in 2015 based on past performance
* As an area supervisor (2015-2017), participated in an exclusive leadership training course for selected individuals based on supervision performance and “rising star” traits
* Managed a group of 12-50 employees daily which included an entire section of the park, all of its rides, and all of the guests
* Led the training of new employees, participated in hiring and interviewing new employees

**Professional Development:**

*Associate Member*, American Society of Civil Engineers (ASCE) May 2019-Present

CAWP Student Estimating Competition February 2019

*PR Manager*, Penn State Harrisburg American Society of Civil Engineers (ASCE) 2016-2019

Penn State Harrisburg Professional Engineers and Contractors (PSPEC) 2016-2019

Penn State Lehigh Valley Engineering Club 2014-2016

Penn State Lehigh Valley Student Government Association 2015

Freedom High School Engineering Club 2013-2014

**Skills:**

Proficient in Microsoft Word, Excel, Powerpoint, AutoCAD, ECMS, PPCC

Limited experience with BMS2, Microstation

Photography – photos featured throughout local media and utilized by PennDOT in various ways