

Camerin Spahn

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To Whom it May Concern,

Hello! My name is Camerin Spahn, I am a fifth year senior at NJIT in Newark, NJ. I am finishing up my civil engineering degree part-time while working at an engineering firm. I have two classes in the spring and am looking to begin my masters in transportation engineering with NJIT. I am currently pursuing internship and research opportunities for the Spring of 2018. My time as an undergrad has been spent balancing division I basketball, leading multiple clubs, and working at an engineering firm part time.

I have spent the past two years working on an international greenfield port project, which has given me incredible strength in collaborative, analytical, and managerial skills. I started on the project in its bid and proposal phase, and saw it through to the closing of feasibility studies and preliminary design. After being awarded the bid, we essentially worked as a project and construction management support service, overseeing multiple subcontractors and ensuring the quality of deliverables to the government. I was asked to stay with the company and continue working throughout the year. Some of the biggest deliverables that I worked on for the port involved transportation studies (TIS/TIA/FTS), preliminary design, and the Environmental Impact Assessment. I worked closely with our consultants on the topside design to understand the design of the intermodal yard, truck gates, and logistics of the overall throughput of the port. I worked with other engineers to create the proper design drawings. Overseeing the completion of these studies and drawings solidified my desire to pursue the field.

I am looking to explore this field to see which track is best for me, so am open to opportunities in engineering, planning, and technology. In parallel, I am pursuing my EIT.

Overall, I am very passionate about transportation and am eager to get involved. With the growth of technology sure to bring about vast change within the industry, the field will require forward thinking professionals with a diverse and interdisciplinary background. My greatest technical strengths are in my computational skills, ability to learn quickly (especially in terms of computer software), and quantitative/qualitative analysis. My experiences leading both scholastically and athletically have shaped me in to an excellent communicator and adaptable worker.

I know that I have the skillset that will be an asset to the industry and am prepared to work hard to learn as much as I possibly can. In the meantime, I will enjoy exploring this community and seeking out all of the knowledge that the world of transportation has to offer!

Thank you for taking the time to review my cover letter and credentials.

Kind Regards,

Camerin

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Civil engineering undergrad student pursuing EIT and finishing undergrad part time. Will begin Master's in Transportation Engineering in the Spring and looking to gain experience in the transportation engineering/planning fields.

NEW JERSEY INSTITUTE OF TECHNOLOGY: THE COLLEGE OF ENGINEERING

Albert Dorman Honors College

Major: Civil Engineering

Graduation: May 2018

SPORTS AND LEADERSHIP:

Engineers Without Borders (Secretary 2015-2016); Wellness & Events Center Eng. and Design Steering Committee; NCAA Division 1 Women's Basketball (2013-2017) (Captain 2015-2017); Student Athlete Advisory Committee (Secretary 2014-2017)

SKILLS & STRENGTHS

- Proficiency in following computer applications: **HCS 210, Revit, Civil 3D, AutoCad, Robot, Risa, OST, MatLab** and all Microsoft Office. Working knowledge of **Visim and Synchro**
- Self-starter; Excellent communication skills - written and vocal; Extremely diligent worker; Proficient time management ; Excellent team player; Strong quantitative and qualitative analysis; Geometric design

EXPERIENCE

JUNIOR PROJECT ENGINEER | CONTI PROFESSIONAL SERVICES | MAY 2016-PRESENT

Anaklia Deep Sea Port Project

- Oversaw initial project procurement, feasibility studies, EIA, and preliminary design
- Created, implemented, and managed document control system
- Performed internal analysis | Coordinated and managed engineering consultants, held them accountable to their agreements | Led both internal and external weekly meetings, provided updates to schedules/drawings/specs
- Analyzed design drawings and reports in CAD and Bluebeam | Performed Quantity Take Offs
- Developed project standards based off of civil engineering codes (AASHTO, ITE, ACI, ICC, Eurocodes)
- Worked on closeout of Traffic Impact Analysis and Simulations

Site 13414

- Classified project from US gov't in Israel
- Performed in depth drawing and bid analysis from designer's package

EVENTS CENTER DESIGN STEERING COMMITTEE | NOVEMBER 2014-2017

- Member of committee with one other student and various NJIT school administrations (Athletic Director, VP, etc) that planned and coordinated the design and construction of the new \$100 million NJIT Wellness and Events center.
- Invited to be the student speaker at the Wellness and Events Center Groundbreaking ceremony

ENGINEERS WITHOUT BORDERS | SEPTEMBER 2014- 2016

- Was actively involved with and led clay pot project. I performed laboratory tests and analysis in the soils lab to create a clay mixture optimal for filtering water for our Haitian and Sri Lankan partners.

PROJECT ENGINEERING INTERN | THE CONTI GROUP | MAY 2015-AUGUST 2015

Anaklia Deep Sea Port Project

- Multi-billion dollar bid for port project in the Republic of Georgia
- Worked closely with the EIA process and became well versed in international/US codes, scheduling, and coastal engineering aspects.
- Worked in project procurement and proposal development

Civil Engineering Coursework

Introduction to Transportation Engineering, Urban Planning, Engineered Construction, Construction Materials Lab, Construction Contracts, Reinforced Concrete Design, Geology, Steel Design, Construction Management, Foundation Design, Fluid Mechanics, Soil Mechanics and Soil Mechanics Lab