

Christopher C. Stephan, P.E.

COLORADO PE.0053442

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Current Address

8465 Hwy 7
Allenspark, CO 80510
Cell: (330) 340-1673

Education

Ohio University, Athens, Ohio
Bachelor of Science in Civil Engineering, June 2012
Major: Civil Engineering
GPA: 3.48/4.0
Graduated 2nd in class

Ohio University, Athens, Ohio
Master of Science in Civil Engineering, (May 2014)
Major: Civil Engineering
Dual Specialty: Water Resources and Environmental Engineering
GPA: 3.74/4.0

Skills

ArcGIS, AutoCAD Civil 3D, AutoTurn, Total Station (Trimble) Operation, SolidEdge, Microsoft Project, Microsoft Office, Word, Excel, PowerPoint, Command Line, SQL, C#, Ruby, Rails, .Net, Microsoft Azure, Amazon Web Services.

Work

Experience

City Of Aurora, Public Works, Aurora, Colorado (09/2015 – Present) - 40hours/week

Design Engineer- 09/2015 – 10/2018
Engineer - 10/2018 – 03/2020
Project Engineer – 03/2020 – 02/2024
Senior Engineer – 02/2024 - Present

Project manager within the City of Aurora Public Works Department Traffic Engineering Division. Annual traffic signal construction services project manager for three (8) years. Review traffic signal construction plans, cost estimates, project schedules, specifications for traffic signal equipment/technology. Manage construction, inspections, and payments. Manage non-destructive testing of traffic signal structures and coordinate emergency repairs or program repairs into annual signal contract. Manage structural, transportation, and staff extension consultants. Research and demo traffic signal technologies and update equipment specifications to keep Aurora current with industry standards. Assist with updates to general engineering design and construction standards for traffic, transportation, and pedestrian facilities. Apply for and manage design and implementation phases of federally funded equipment purchases and construction projects.

Current Supervisor: Carlie Campuzano (303) 739-7309

Former Supervisor: Victor Rachel (303) 739-7300

Current Director of Public Works- Englewood, CO

Mannik and Smith Group, Beachwood, Ohio (05/2014 – 09/2015)

Civil Engineer II /Surveyor – 40hrs/week

Member of the Geological/Environmental Department. Act as primary design engineer and construction quality assurance engineer and as-built surveyor for solid waste disposal facility projects. Assisted in the development of a permit to install (PTI) application which was submitted Ohio Environmental Protection Agency (OEPA) on behalf of a solid waste facility. Designed, drafted, and wrote the supporting narrative for several components including liner system, leachate collection system, cap and cover system, and landfill hydraulic performance with respect to EPA permit requirements. I am currently managing, under supervision, the expansion of landfill gas collection and control system at a solid waste disposal facility.

Supervisor: Douglas Perisutti (216) 378-1490

Russ College of Engineering and Technology, Athens, Ohio (09/2011 – 05/2014)

Civil Engineering Research Assistant/National Science Foundation Graduate Fellow – 20hrs/week

My research was focused on atmospheric moisture quality, effects of air pollution on air moisture and the potential for use of air moisture as an alternative water source. I also served as team member with a local high school science teacher to present research and promote STEM education to students in the classroom. During my tenure I collaborated with Computer Science students on the development of educational iPad and PC games to be utilized in high school settings to facilitate the presentation of STEM topics.

Supervisor: Tiao Chang (740) 593-1462

Ohio Environmental Protection Agency Southeast District (06/2010-09/2011)

Storm water Intern- 40hrs/week

Inspected construction sites, landfills, and scrap metal storage sites to ensure a storm water pollution prevention plan had been developed and was being implemented in compliance with Ohio NPDES permit regulations. Drafted notices indicating violations and outlined the remediation procedures required to bring sites within compliance.

Supervisor: Tim Campbell (740) 380-5426

Ohio University Academic Advancement Center, Athens, Ohio (03/2010 –06/2012)

Supplemental Instruction Leader – 20hrs/week

Lead weekly review sessions for students taking calculus, guide students through class material in a collaborative environment, and work with faculty to create sessions that integrate how-to-learn with what-to-learn

Supervisor: Amanda Remnant (740) 593-2652

Ohio University Office of Admissions, Athens, Ohio (02/2009 – 06/2012)

Tour Guide – 10hrs/week

Supervisor: Jill Okey (740) 593-0712

Thesis

Investigation of Air Moisture Quality in the Ohio River Valley (2014)

Activities

ASCE (American Society of Civil Engineers) Member, ITE (Institute of Transportation Engineers Member)

Volunteer Experience

Ohio University, Marketing Office, Athens, OH 45701 (2008 -2009)

Mascot for athletic events

Dover High School Relay For Life, Dover, OH 44622 (2007 – 2008)

Raised money and organized Art Club and Interact Club participation

Dover Rotary Club (Interact), Dover, OH 44622 (2007-2008)

Raised money to supply playground powered water well for African families.

Certificates and Licenses

- Professional Engineer – Colorado PE.0053442
Denver, Colorado (2017)
- Certificate of Completion, Fundamentals of Engineering Exam (FE)
Ohio University – Athens, Ohio (2012)
- Certificate of Presentation, 2013 International Conference of Hydraulics and Hydrology
Tsinghua University Beijing, China

Honors

- Deans List: Spring ('08-09'); Winter, Spring ('10-11'); Fall, Winter ('11-'12)
- Awarded Academic Scholarship: Ohio University
- Awarded National Science and Mathematics Access to Retain Talent (SMART) Grant
- Awarded National Science Foundation Graduate Fellowship in Civil Engineering