

KUSH VASHEE, PE

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RELEVANT EXPERIENCE

RK&K | Fairfax, VA Nov. 2018 – Present
Senior Project Engineer

- Develop roadway plans, profiles, grading and typical sections, and cost estimates per VDOT Road Design Manual and AASHTO Green Book.
- Design concept road plans and alternative analysis for new transportation systems.
- Manage multiple small infrastructure projects including task delegation, QAQC, cross-discipline coordination and client relations.
- Prepare scopes, fees and assist with contract negotiation and administration.
- Assist with proposal writing and participate in interviews
- Coordinate with sub-consultants, government agencies and utility companies.
- Supervise and mentor temporary and junior level staff.

PENNONI | Herndon, VA Aug. 2016 – Nov. 2018
Associate Civil Engineer II

- Prepared maintenance of traffic plans based on the Virginia Work Area Protection Manual.
- Developed site layouts, Civil 3D grading, plan and profiles and various permit applications.
- Designed and permit the relocation of dry utilities per local standards for the Purple Line Project.
- Supervise entry-level and temporary staff and manage schedules.
- Participated in quality control reviews of completed designs.
- Coordinated with clients and attend client and review agency meetings.
- Assisted division managers in preparation of civil site plans, reports and submissions.

LEADERSHIP EXPERIENCE

ASCE NCS | National Capital Section 2021 - Present
Education Committee Chair

- Organize education workshops such as: resume workshops, mock interviews and career panel discussions for student chapters
- Lead 5 Practitioner Advisors and coordinate events with Faculty Advisors.
- Evaluate and Award NCS Scholarships with the assistance of the scholarship committee.
- Write up monthly newsletter section.

ASHE | Potomac Section 2021 - Present
Young Member Coordinator

- Assist with planning monthly section meetings.
- Organize and host younger member social and networking events.
- Provide young member content for monthly newsletter.
- Attend monthly board meetings and brainstorm speakers and engagement ideas.

ASCE YMF | National Capital Section 2020 – Present
Secretary

- Update and maintain listserv with over 400 members.
- Volunteer as part of the board on various professional development workshops such as: resume workshops and leadership skills.
- Prepare meeting agenda and minutes.
- Write up monthly newsletter section for YMF.

SKILLS

- **CADD:** AutoCAD Civil 3D, Open Roads, AutoTURN 11, Microstation, Geopak
- **Stormwater:** Pond Pack V8i, Ensoftec
- **Typography:** MS Office, Bluebeam Revu and Studio, Adobe

CERTIFICATIONS

- Certified Associate in Project Management
- Envision Sustainability Professional
- Advanced Work Zone Traffic Control
- Guardrail Installers Training
- Combined Erosion and Sediment Control Reviewer
- Bentley OpenRoads Designer Accreditation

ACHIEVEMENTS

- ACEC/MW Emerging Leaders Institute
- ASCE New Face in Civil Engineering Honoree
- NSPE Emerging Leaders Program
- ASCE/MW Young Professional of the Year
- Dale Carnegie Skills for Success Program

PROFESSIONAL MEMBERSHIPS

- American Society of Civil Engineers
- American Society of Highway Engineers
- National Society of Professional Engineers

EDUCATION

Virginia Tech | Blacksburg, VA 2012 - 2016
B.S. Civil and Environmental
Engineering
Overall GPA: 3.40