



Kingston Thompson

Engineering Intern | Civil

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SUMMARY

Dedicated Civil Engineering student with hands-on experience in transportation and environmental engineering projects through academic coursework. Proficient in AutoCAD Civil 3D and Microsoft Office Suite, with a focus on delivering high-quality designs and reports. Strong communication and organizational skills complemented by a team-oriented approach. Eager to contribute to impactful engineering solutions that enhance community infrastructure and promote environmental sustainability. Seeking an internship position where collaboration and innovative thinking lead to positive results in engineering design and implementation.

EDUCATION

Bachelor's Degree in Civil Engineering

Harrisburg University of Science and Technology 🎓 GPA: 3.8 📅 2026 📍 Harrisburg, PA

Coursework: *Transportation Engineering, Water Resources Engineering, Environmental Engineering, Structural Analysis*

TECHNICAL SKILLS

- **Design Software:** AutoCAD Civil 3D, Revit, SketchUp
- **Office Applications:** Microsoft Word, Excel, PowerPoint
- **Project Management Tools:** Trello, Asana, Microsoft Planner
- **Engineering Methodologies:** Water Quality Testing, Sustainable Design, Traffic Flow Simulation
- **Analysis Tools:** MATLAB, ArcGIS, EPA's SWMM
- **Research Tools:** SPSS, SurveyMonkey, MS Access
- **Report Writing:** Technical Writing, Grant Proposals, Research Papers
- **Outreach Strategies:** Community Engagement, Workshops, Social Media Campaigns
- **Presentation Tools:** Prezi, Google Slides, Poster Creation
- **Civil Engineering Standards:** AASHTO, ASCE, ASTM International

EXPERIENCE

Civil Engineering Intern

University Project 📅 January 2026 - Present 📍 Harrisburg, PA

Supported various engineering tasks within a collaborative team environment focused on sustainable solutions. Gained practical experience in project design while closely working with peers under faculty supervision.

- Collaborated with students to design a residential drainage system focusing on cost-effectiveness.
- Conducted thorough site assessments, ensuring adherence to safety and compliance standards.
- Utilized AutoCAD Civil 3D for drafting detailed plans, enhancing technical proficiency.
- Assisted with technical report preparation, supporting project permitting processes.
- Performed flow-related calculations contributing to the feasibility of the implemented designs.
- Presented findings and proposals, improving communication and public speaking abilities.

Research Assistant

Academic Research 📅 September 2025 - December 2025 📍 Harrisburg, PA

Engaged in research activities aimed at understanding urban runoff effects on water quality. Developed analytical skills while coordinating data collection efforts and collaborating with academic mentors.

- Assisted with research examining urban runoff impact through fieldwork and analysis.
- Maintained accurate databases of findings, streamlining data management productivity.
- Executed literature reviews fostering comprehensive understanding of project goals.
- Participated in outreach programs promoting conservation practices to local communities.

STRENGTHS

- 📊 **Strong Analytical Skills**
Developed keen analytical skills while conducting site assessments, enabling clear evaluations.
- 🗣️ **Effective Communication**
Enhanced communication skills through presentations, fostering a collaborative team atmosphere.
- 💡 **Creative Problem Solver**
Applied creative thinking to address complex engineering challenges during group projects.
- ✅ **Detail-Oriented Approach**
Adopted a detail-oriented mindset during drafting work, ensuring accuracy and consistency in design.
- 👥 **Team Collaboration**
Excelled in teamwork through participation in multidisciplinary groups, yielding innovative project outcomes.

SKILLS

AutoCAD Civil 3D

Microsoft Office Suite

Environmental Analysis

Technical Reporting

Team Collaboration

Communication Skills

Site Assessment

Project Documentation

Data Analysis Presentation Skills

Traffic Engineering

Stormwater Management

Construction Monitoring

Field Sampling Urban Planning

Drafting Techniques

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



● Civil Engineering Intern at University Project (6 Months)

● Research Assistant at Academic Research (3 Months)

- Worked alongside faculty to create presentations for departmental conferences, boosting teamwork.
- Acquired valuable expertise in environmental assessment methodologies and reporting techniques.

Team Member

Hackathon Project 📅 April 2025 📍 Harrisburg, PA

Contributed to an intense time-limited challenge creating innovative engineering solutions. Collaborated in a fast-paced team, enhancing creativity while meeting project deadlines.

- Developed a prototype mobile app to streamline urban traffic patterns during a hackathon.
- Brainstormed novel solution features with diverse teams, pushing creative boundaries.
- Conducted user testing sessions, gathering insights for iterative enhancements.
- Presented conceptual plans before judges, earning recognition for innovative application.
- Strengthened skills in teamwork and agile project management principles under pressure.

LEADERSHIP & AWARDS

- Dean's List, Harrisburg University – Fall 2024, Spring 2025
- First Place, University Engineering Competition – 2025

CERTIFICATIONS

- Engineering Intern (E.I.T.) Certification 📅 2026
- AutoCAD Civil 3D Certification 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Civil Engineering Society – 2024 – Present
- Volunteer, Local Environmental Clean-Up Initiative – 2023 – Present

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST