

Kingston Thompson

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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

2026

Harrisburg University of Science and Technology GPA: 3.8

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

SKILLS

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|--------------------------|-------------------------|-------------------------|---------------------------|
| • AutoCAD Civil 3D | • Team Collaboration | • Data Analysis | • Construction Monitoring |
| • Microsoft Office Suite | • Communication Skills | • Presentation Skills | • Field Sampling |
| • Environmental Analysis | • Site Assessment | • Traffic Engineering | • Urban Planning |
| • Technical Reporting | • Project Documentation | • Stormwater Management | • Drafting Techniques |

EXPERIENCE

Civil Engineering Intern

January 2026 - Present

University Project

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

September 2025 - December 2025

Academic Research

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.
- Worked alongside faculty to create presentations for departmental conferences, boosting teamwork.

- Acquired valuable expertise in environmental assessment methodologies and reporting techniques.

Team Member

April 2025

Hackathon Project

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

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST