

George Harrington

Civil Engineer

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Profile Summary

Dedicated and detail-oriented Civil Engineer with over 8 years of experience in managing sophisticated infrastructure projects. Proven track record in designing sustainable solutions that enhance urban planning while ensuring compliance with safety regulations and industry best practices.

Work Experience

Senior Civil Engineer

AECOM

1st June, 2016 - Current

- Led a team in the design and execution of a \$20 million highway expansion project, reducing congestion by 25% within the first year of completion.
- Implemented sustainable engineering practices, increasing project efficiency by 15% while reducing carbon footprint.
- Collaborated with cross-disciplinary teams to enhance municipal water systems, increasing water delivery efficiency by 30%.

Civil Engineer

Jacobs Engineering Group

1st April, 2013 - 31st May, 2016

- Developed infrastructure solutions for urban planning projects worth \$10 million, achieving completion on time and under budget.
- Conducted site assessments and feasibility studies for new developments, enhancing project proposal acceptance by 40%.
- Prepared project proposals and coordinated with stakeholders, securing \$5 million in funding for community development projects.

Education

Harvard University

Master of Science in Civil Engineering

1st Sep, 2011 - 30th May, 2013

Massachusetts Institute of Technology

Bachelor of Science in Civil Engineering

1st Sep, 2007 - 30th May, 2011

Skills

AutoCAD, MATLAB, Structural Analysis, Project Management, Sustainable Design

Notable Projects

Green City Urban Renewal Project

Spearheaded the design and redevelopment of a 50-acre urban area to create a sustainable and green-friendly city hub, enhancing local community engagement and reducing emissions by 40%.

Certifications

Professional Engineer (PE)

Issued by National Council of Examiners for Engineering and Surveying, 1st Jan, 2015

Awards

Excellence in Civil Engineering Award

Awarded by American Society of Civil Engineers, 1st March, 2018