

Hayden Arias

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SUMMARY

Accomplished Civil Engineer with over 8 years managing large-scale construction projects, skilled in providing project leadership and technical guidance. Significant track record includes leading civil engineering teams from concept through execution, ensuring compliance with all relevant regulations and standards. Eager to leverage extensive expertise in project management and collaboration to enhance project success. Guided multi-disciplinary teams to achieve objectives on time and within budget, while maintaining strong stakeholder communication. Ready to contribute strategic insights and innovation to drive project excellence at Innovative Engineering Solutions.

EXPERIENCE

Senior Civil Engineer

June 2021 - Present

Peak Engineering Group

Los Angeles, CA

Oversaw civil engineering initiatives on multiple infrastructure projects, guiding a team of engineers through critical phases. Managed significant budgets and maintained adherence to timelines. Fostered a collaborative environment that promoted innovation, efficiency, and employee mentorship.

- Spearheaded team efforts to deliver \$10 million+ infrastructure projects, implementing innovative solutions.
- Reviewed and approved all engineering designs, ensuring compliance with established codes and industry standards.
- Collaborated closely with project managers, controlling timelines and identifying potential risks.
- Provided mentorship and technical support for junior engineers, enhancing overall team capability.
- Engaged regularly with clients, ensuring needs were met and concerns addressed in a timely manner.
- Prepared detailed reports for senior management, summarizing progress and strategic direction.

Civil Engineer

March 2018 - May 2021

Urban Development Corp

Dallas, TX

Led project teams to successfully complete civil engineering assignments. Prioritized safety and regulatory compliance throughout design and implementation processes.

- Managed execution of various road and bridge projects, focusing on meeting challenging deadlines.
- Conducted rigorous design reviews; ensured that all plans conformed to regulatory requirements.
- Streamlined communication among cross-functional teams, improving collaboration on project deliverables.
- Introduced project management software that improved tracking and enhanced stakeholder interaction.
- Shared valuable insights during client meetings, enabling continuous improvement and trust building.
- Mentored interns, fostering an inclusive atmosphere committed to learning and development.

Junior Civil Engineer

January 2016 - February 2018

Greenfield Consultants

Austin, TX

Supported senior engineers in the successful delivery of civil engineering projects. Developed a solid foundation in design and analysis techniques.

- Contributed to design and assessment phases for various engineering projects with accurate analyses.
- Participated in site assessments and assisted in preparing site-specific documentation.
- Collaborated with senior engineers on plan reviews, ensuring compliance with engineering regulations.
- Actively engaged in stakeholder communications for alignment on project scopes and outcomes.
- Contributed to innovative discussions in project meetings, enhancing solution generation.
- Utilized AutoCAD and project management tools, streamlining design operations.

LEADERSHIP & AWARDS

- Recognized for exceptional project leadership skills by Peak Engineering Group in 2023.
- Recipient of Engineering Excellence Award from Urban Development Corp for outstanding contributions in 2020.

EDUCATION

Bachelor of Science in Civil Engineering

2015

University of Illinois GPA: 3.6

Champaign, IL

Coursework: Engineering Fundamentals, Structural Analysis, Geotechnical Engineering, Water Resources Engineering

CERTIFICATIONS

- Professional Engineer (PE) License, Illinois 📅 2026
- Project Management Professional (PMP) 📅 2026

TECHNICAL SKILLS

- **Project Management Tools:** Microsoft Project, Trello, Asana
- **Design Software:** AutoCAD, Civil 3D, Revit
- **Collaboration Platforms:** Slack, Microsoft Teams, Zoom
- **Analysis Tools:** MATLAB, HEC-RAS, SAP2000
- **Surveying Equipment:** Total Station, GPS Surveying, Laser Scanning
- **Reporting Software:** MS Excel, MS Word, Power BI
- **Safety Standards:** OSHA Compliance, NESC Standards, ACI Codes
- **Scheduling Techniques:** Critical Path Method, Gantt Charts, Milestone Tracking
- **Documentation Tools:** SharePoint, Dropbox, Google Drive
- **Construction Methods:** Lean Construction, Fast Track, Design-Build

SKILLS

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|----------------------------|--------------------------|--------------------------|------------------------|
| • Project Management | • Stakeholder Management | • Field Assessments | • Budget Management |
| • Civil Engineering Design | • Team Leadership | • Construction Oversight | • Interpersonal Skills |
| • AutoCAD | • Design Review | • Risk Management | • Collaboration |
| • Regulatory Compliance | • Mentorship | • Technical Guidance | • Software Proficiency |

PROFESSIONAL AFFILIATIONS

- Active member of American Society of Civil Engineers.
- Participant in National Engineers Week events promoting engineering to students.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST