



# Hayden Arias

## Civil Lead Owner's Engineer

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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.

### STRENGTHS

- Leadership**  
Energized teams through clear direction and built trust with open communication, improving project flow.
- Problem-Solving**  
Addressed issues proactively, leveraging creative solutions, enhancing project continuity without disruptions.
- Communication**  
Maintained consistent and transparent dialogue with stakeholders, driving engagement and clarity in expectations.
- Mentorship**  
Cultivated talented professionals by investing time in learning opportunities and guidance, promoting growth.
- Adaptability**  
Flourished in diverse scenarios, responding effectively to evolving demands, catalyzing successful outcomes always.

### SKILLS

- Project Management
- Civil Engineering Design AutoCAD
- Regulatory Compliance
- Stakeholder Management
- Team Leadership Design Review
- Mentorship Field Assessments
- Construction Oversight
- Risk Management

### EXPERIENCE

#### Senior Civil Engineer

Peak Engineering Group 📅 June 2021 - Present 📍 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

Urban Development Corp 📅 March 2018 - May 2021 📍 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

Greenfield Consultants 📅 January 2016 - February 2018 📍 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.

Technical Guidance

Budget Management

Interpersonal Skills   Collaboration

Software Proficiency

## LANGUAGES

English Native

Spanish Proficient

## MY CAREER



● Senior Civil Engineer at Peak Engineering Group (5.1 Years)

● Civil Engineer at Urban Development Corp (3.2 Years)

● Junior Civil Engineer at Greenfield Consultants (2.1 Years)

- 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

University of Illinois 🎓 GPA: 3.6 📅 2015 📍 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

## PROFESSIONAL AFFILIATIONS

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

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST