

Linh Wiggins

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SUMMARY

Civil engineering student passionate about sustainability and innovative design. Practical experience includes developing drainage systems and optimizing facilities through academic projects. Strong communicator who can collaborate effectively within diverse teams, utilizing tools like AutoCAD to translate concepts into actionable plans. Experienced in analytical methods that enhance project outcomes and safety measures. Eager to contribute skills and learn from industry experts at Innovate Engineering Solutions. Committed to creating environmentally friendly solutions that drive operational excellence.

EDUCATION

Bachelor of Science in Civil Engineering

2027

University of California, Los Angeles GPA: 3.8

Los Angeles, CA

Coursework: Structural Analysis, Environmental Engineering, Hydrology, Transportation Engineering

TECHNICAL SKILLS

- **Civil Engineering Tools:** AutoCAD, GIS, MATLAB
- **Project Management Platforms:** Asana, Trello, Microsoft Project
- **Statistical Analysis Software:** SPSS, R, Python
- **Analysis Techniques:** Regression Analysis, SWOT, Qualitative Assessment
- **Sustainability Practices:** LEED, ISO 14001, Green Building Standards
- **Presentation Software:** Microsoft PowerPoint, Prezi, Google Slides
- **Collaboration Tools:** Slack, Zoom, Google Workspace
- **Research Methodologies:** Case Studies, Surveys, Ethnographic Methods
- **Engineering Standards:** AASHTO, ASCE, ASTM
- **Design Software:** SketchUp, Revit, SolidWorks

SKILLS

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|------------------------------------|-------------------------------------|---------------------------|-----------------------|
| • Civil Engineering Principles | • Team Collaboration and Leadership | • Research Methodologies | • Presentation Skills |
| • Project Management | • Sustainable Design Practices | • Statistical Analysis | • Site Assessments |
| • AutoCAD and GIS Software | • Environmental Compliance | • Problem Solving | • Drainage Systems |
| • Data Analysis and Interpretation | • Feasibility Studies | • Technical Documentation | |

EXPERIENCE

Civil Engineering Intern

January 2026 - Present

University Project

Los Angeles, CA

Engaged in a team providing civil engineering solutions through focused academic projects. Collaborated on facility designs by leveraging core engineering practices and technology for improved performance and sustainability.

- Collaborated on a team project aimed at designing a sustainable drainage system to manage stormwater efficiently.
- Applied civil engineering principles to create detailed project documentation and present findings effectively.
- Conducted site assessments for data gathering, leading to optimized design recommendations.
- Utilized AutoCAD and GIS software for drafting and modeling specific design elements.
- Engaged in peer discussions refining project objectives to ensure environmental compliance.
- Presented innovative project outcomes at a university symposium, receiving positive feedback.

Research Assistant

September 2025 - December 2025

Academic Research

Los Angeles, CA

Provided comprehensive support to faculty-led research focusing on urban impact studies. Leveraged analytical tools and collaboration to extract meaningful insights from complex datasets.

- Contributed to significant research evaluating urbanization's effects on local waterways through extensive data collection.
- Employed statistical methods while using relevant software to evaluate findings and support current investigations.
- Worked with faculty members in preparing papers and presentations showcasing research outcomes for conferences.

- Organized study groups that fostered collaborative discussions among peers on developed methodologies.
- Conducted reviews identifying existing literature gaps, which spurred new avenues for future research efforts.
- Compiled detailed progress reports summarizing implications of the research for departmental evaluations.

Team Member

April 2026

Hackathon Project

Los Angeles, CA

Worked collaboratively during a university hackathon exploring eco-friendly engineering projects. Generated creative solutions emphasizing sustainability and community impact.

- Participated in a university-sponsored hackathon targeting the development of sustainable engineering designs.
- Contributed to designing a prototype for a solar-powered water filtration system demonstrating practical application.
- Conducted thorough feasibility studies assessing environmental impacts and project sustainability.
- Presented innovative designs before a panel, gaining recognition for approach and conceptual execution.
- Collaborated across disciplines to integrate technology, engineering priorities, and business strategies effectively.
- Documented developmental processes revealing lessons learned and potential improvements for similar initiatives.

LEADERSHIP & AWARDS

- Dean's List, University of California, Los Angeles (2025, 2026)
- First Place, University Engineering Design Challenge (2026)

CERTIFICATIONS

- Certified in AutoCAD Level 1 📅 2025
- Professional Development in Sustainable Engineering 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Civil Engineering Society, University of California, Los Angeles
- Volunteer, Habitat for Humanity, Los Angeles Chapter

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST