

Kevyn Wang

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Civil engineering student pursuing sustainability-focused engineering consulting, with a combination of experience in construction site QA/QC and sustainable design non-profit leadership. Targeting EIT, LEED AP, and WELL AP credentials by 2028 to bring technical rigor to ESG advisory and sustainable development work

EDUCATION

University of Illinois Urbana-Champaign

Expected Dec 2028

B.S. in Civil Engineering

James Scholar, Dean's List, 3.93/4.00 GPA

Skills: AutoCAD, Revit, Bluebeam, Python, QA/QC, Site Inspection, Construction Drawings, OSHA 10-Hour

PROFESSIONAL EXPERIENCE

HR Green, Inc.

Lambert Int'l Airport & Greater St. Louis, MO

Construction Engineering Intern - Aviation/Utility

May 2026 – Aug. 2026

- Inspected trenching, grading, dewatering, structural concrete, and archaeological work on a \$114M airport maintenance complex, verifying compliance with specifications and safety requirements
- Observed emergency response engineering on the I-44 sinkhole, including utility reroutes and traffic control
- Tracked and recorded QA/QC testing (striping, fresh concrete, asphalt and fill compaction, permeable aggregate depth) on the Taxiway Charlie reconstruction, ensuring FAA compliance
- Compiled contractor punch lists for the Runway 6-24 reopening and for transition to the next phase
- Completed 50+ site visits for MoDOT utilities and produced daily work permit progress reports

City of Ballwin

Ballwin, MO

Pool Manager + American Red Cross Lifeguarding Instructor

May 2026 – Jul. 2026

- Streamlined operations by creating trackers and processes for training, maintenance, and discipline
- Managed pool chemistry, maintenance, inclement weather, lost patrons, and rescues/first aid
- Resolved complex patron conflicts professionally while upholding facility policies (1000+ daily guests)
- Coordinated recertification of 100+ returning lifeguards and weekly training throughout the summer

LEADERSHIP EXPERIENCE

Engineers Without Borders UIUC

Champaign, IL

Design Team Lead - Malawi Reinforced Concrete Vehicular Bridge

May 2026 – Present

- Automate rebar cut list generation with a custom AI-built spreadsheet tool, reducing material waste ~68% (61,000+ ft of rebar) versus uncombined cutting
- Design wingwall and riverbank erosion control scheme in accordance with FHWA standards
- Lead project through structural review by coordinating with the structural engineer and project leadership
- Standardize drafting and verify design values across 50+ AutoCAD drawings, improving constructability

Sustainable Solutions UIUC

Champaign, IL

Solutions Engineer & Social Chair - Conceptual Data Center Campus

Sep. 2025 – Present

- Research and evaluate sustainable building materials to design terracotta, timber, and bamboo facade
- Quantify retention basin capacity and design swales to manage site stormwater runoff

Engineers In Action Bridge Program UIUC

Champaign, IL

Design Team - Bolivia Footbridge

Dec. 2025 – May 2026

- Built upon EIA standard drawings to minimize span and excavation while increasing freeboard
- Interpreted survey points and site photos from the rural community to make design decisions

American Society of Civil Engineers UIUC

Champaign, IL

Graphic Design Chair

Dec. 2025 – Present

- Compose 10+ cohesive branded flyers monthly using Canva to promote organization events
- Coordinate with other board members to include specific event details and sponsor requirements

James Scholar studying civil engineering focused on sustainable development and resource management. Leveraging non-profit leadership and hands-on utility construction experience to make an impact as an aspiring engineering consultant. Targeting EIT, LEED AP, and WELL AP credentials by senior year.

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