

Anthony Penman

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EDUCATION

Civil Engineering - California State University Sacramento, Expected in Dec. 2026

EXPERIENCE

Water Resource/Civil Intern, Kier & Wright, Sacramento CA

June 2023-Present

- Applied Civil 3D, AutoCAD, and WaterCAD to develop and evaluate utility layouts and hydraulic concepts, while using Bluebeam and Excel for plan review, quantity analysis, and engineering documentation throughout project development.
- Supported integrated water-infrastructure planning efforts by assisting with hydraulic analysis, water-supply evaluations, and pump station layout for municipal and private projects.
- Applied GIS, LiDAR, and FEMA DFIRM data to support surface-water and flood-risk evaluations.
- Assisted with preparation of technical exhibits and summary tables to support client decision-making during planning, entitlement, and design phases.
- Supported environmental and permitting efforts by preparing technical documentation for SWPPPs and Environmental Compliance Plans, coordinating BMP strategies with grading and drainage design.
- Assisted senior engineers with development of pump station and utility design exhibits, including wet wells, discharge piping, valve vaults, and coordination with mechanical and electrical systems.
- Contributed to feasibility studies and due-diligence evaluations by analyzing potable water, wastewater, and stormwater infrastructure options under regulatory, cost, and constructability constraints.

SKILLS & RELEVANT COURSEWORK

- Completed all foundational coursework, and courses in structural analysis, GIS, AutoCAD, hydrology, water resources, environmental engineering & practice, and transportation engineering.

ACTIVITIES AND HONORS

- Active member of Mathematics Engineering & Science Achievement (MESA), Society of Hispanic Engineers (SHPE), and American Society of Civil Engineers (ASCE).

WEBSITES, PROFILES

- www.linkedin.com/in/anthony-penman-bb38b6267
- <https://linktr.ee/anthonympenman>