

ELYSE POLLACK, EIT, LEED AP BD+C

Phone: (310) 993-4929 • email: epollack@usc.edu, elysepollack@gmail.com

SUMMARY

Structural engineering full-time student with a patent-pending invention for a compact faucet-mounted water meter with an adjustable aerator. Highly adept learner of new technologies and workflows. Able to work in and lead diverse teams to accomplish key objectives.

Engineering skills: AutoCAD, REVIT, MATLAB, SAP2000, RAM Structural Systems, Enercalc

EDUCATION

University of Southern California

B. S. Civil Engineering, Structural; Minor in Archaeology
Dean's list: Fall 2018 – present

GPA: 3.79

Graduation: May 2022

HONORS

USC Skull and Dagger Foundation Scholar April 2021 – present

Selected as one of four continuing USC students for this scholarship associated with the oldest honor society at USC.

Mortar Board Torch and Tassel Chapter Senior Honor Society March 2021 – present

Selected for this prestigious national senior honor society for my leadership at and service to USC.

American Council of Engineering Companies (ACEC) Los Angeles County Chapter Scholar March 2021 – present

Awarded this scholarship for involvement in the engineering community.

National Academy of Engineering Grand Challenge Scholar September 2020 – present

Drive my educational experiences toward exploring and potentially solving a grand challenge.

Chi Epsilon Civil Engineering Honor Society May 2019 – present

One of seven freshmen selected in 2019 to join USC's chapter of this national honors society.

USC Town and Gown Scholar May 2019 – present

Recipient of this prestigious Town and Gown scholarship at USC.

Alpha Lambda Delta National Honors Society February 2019 – present

Active member of USC's chapter of this national honors society.

Viterbi Scholar August 2018 – Present

VASA scholarship recipient through the Viterbi School of Engineering.

WORK EXPERIENCE

DCI Engineers, Seasonal Structural Engineering Intern, May 2021 – August 2021

Conducted structural analysis and design work for multiple projects in the Los Angeles area. Tasks included reviewing submittals and RFIs and designing beams, columns, framing, shear walls, and stud walls.

Kiewit Corporation, Summer Field and Office Engineering Intern, June 2019 – August 2019

Worked at the Van Nuys North Platform Project to rebuild the train station and train tracks. Performed calculations to determine how much backfill was needed, determined the weight of the concrete slab, designed the south staircase, and learned how to survey as part of my many tasks.

LEADERSHIP ACTIVITIES

American Society of Civil Engineers (ASCE) Vice President

May 2021 – present

As Vice President, I aid the President, host professional and networking events, and support our membership. Previous positions in ASCE include Media Chair.

USC Helenes

Director of External Correspondence

December 2019 – December 2020

Represent USC as an "official hostess" through community outreach to strengthen the Trojan community in service, sisterhood, and spirit. As director, I reinforce relations between alumni and increase networking opportunities.

American Institute of Steel Construction

Steel Bridge Team Member

September 2018 – present

Member of USC's team helping to design and manufacture a steel bridge for entry into national competition.

Chi Epsilon President

September 2020 – present

As President, I reinforce excellence among civil engineering students. I create programming for our student chapter, attend national Chi Epsilon conferences, and foster our community.

Women in Engineering (WIE)

Freshman Mentor

September 2019 – present

Mentee freshmen engineering students to help them navigate life at USC and in the Viterbi School of Engineering.

Trojan Marching Band Member, Trombone Section

August 2018 – present

Represent USC as one of thirty Trombone players in The Spirit of Troy.