

Pathways -Partime during the school year and Fulltime summer

[U.S. Army Corps of Engineers- Saylorville Lake](#)

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1. Experiential Education (Co-ops & Internships)
Apply

Position Type

Experiential Education (Co-ops & Internships)

Desired Class Level(s)

Freshman, Sophomore, Junior, Senior

Desired GPA

2.9

Work Authorization

Authorized to work in U.S. without current/future visa sponsorship.

Description

Location: US Army Corps of Engineers (USACE) at Saylorville Lake. We administer construction contracts in the Rock Island District West of Iowa City.

We are currently seeking an Engineering student interested in working part-time during the school year and fulltime during the summer, till graduation.

See attachment for full details - Job Duties

Assists higher graded professionals in accomplishing both field and office work assignments, i.e., design and construction support on civil works, military, or environmental projects. Observes the application of Engineering techniques and procedures. Performs typical productive tasks such as, but not limited to:

- (a) Compiling engineering data; (b) copying, tracing, altering, or making design drawings;
- (c) taking measurements and making sketches on field reconnaissance trips; (d) plotting curves reflecting stability analysis, load Requirements, soils requirements in connection with design work; (e) making basic computations for engineering studies and designs; (f)

preparing and presenting data by means of maps, charts, graphs, profiles, and plates; (g) Reviewing plans and specifications for sufficiency of data; (h) assembling data and preparing reports as assigned; (i) surveying and laying out areas prior to construction; (j) providing construction support for simple structures; (k) Designing and detailing structural elements such as footings, columns, and beams involving elementary computations of reactions and stresses; (l) writing assigned technical sections of project specifications; (m) taking off quantities from tentative sketches or working drawings, and listing materials and prices; (n) making tentative estimates for simple structures, computing areas and cubes, and extending quantities; (o) plotting cross sections and profiles of airfield runways, access roads, levees, river channels, borrow areas, etc., and (p) as an observer, attending various conferences such as safety meetings and conferences pertaining to architectengineer design contracts.

75%

If you are interested in seeking great experience within USACE, please apply. We are flexible on the hours you work, benefits start at hire, and great people. Looking for all types of Engineers looking to gain construction experience.

Send resume to Richard.m.busch@usace.army.mil

Experiential Education Work Term

Fall Semester, Spring Semester, Summer Session

Location

Johnston, Iowa United States

Remote or In-Person Work?

In-Person

Desired Major(s)

College of Agriculture and Life Sciences/ABE A: Agricultural & Biosystems Engineering - AG LS, College of Engineering/Civil Engineering, College of Engineering/Agricultural Engineering, College of Engineering/Industrial Engineering, College of Engineering/Mechanical Engineering, College of Engineering/Engineering-Undeclared, College of Engineering/Construction Engineering, College of Engineering/Electrical Engineering, College of Engineering/Industrial and Manufacturing Systems Engineering, College of Engineering/Environmental Engineering, College of Engineering/Agricultural and Biosystems Engineering, College of

Engineering/Biological Systems Engineering, College of Liberal Arts and Sciences/OPRES:
Operations Research (Alumni Only)

Salary Level

\$20,000 - \$29,999

Attachment(s)

Title

Western Resident Office

File Name

[GI427357.pdf](#)

Size

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