

Company website: <http://www.portseattle.org>

Internship notices: <http://www.portseattle.org/Jobs/Pages/default.aspx> click on the "Student Interns, view current internship opportunities" box located toward the right side of the page. Then, "Search Openings" located toward the bottom of the page. **Apply as the job notice indicates.**

College Intern - Civil / Structural Design Engineer

Location POS Headquarters / Pier 69

Compensation Hourly: \$16.50 - \$24.50

There are four (4) positions available for this posting. Applications will be reviewed regularly and interviews may be conducted prior to the close date.

PURPOSE:

Support design efforts in the Port of Seattle Engineering department.

ESSENTIAL FUNCTIONS:

This list is not a comprehensive listing of all functions and duties performed. Essential duties and responsibilities may include, but are not limited to, the following:

The candidate will likely focus on assisting seaport asset management and inspection programs, but will likely contribute to other design efforts. These design efforts may apply to marine, aviation, commercial real estate, maintenance, and other Port of Seattle functions, and occur with the assistance & mentorship of Port of Seattle staff.

A moderate amount of time will be spent in the field, observing and documenting conditions of existing structures, and in the office, analyzing findings and formulating recommendations.

Field work will include frequent site visits on a small boat under piers and wharves, documenting the size and location of observed distress (e.g., cracks, spalls, and delamination) in concrete structures. Field visits also include work at active construction sites, industrial/commercial sites, and other structures as needed.

Office work will include synchronizing field data with spreadsheets and CAD drawings, summarizing findings, design, design verification, drafting, and assembling contract documents (specifications).

Other activities include assistance with civil and/or structural design activities including but not limited to: miscellaneous field inspections, site visits, archive and product research, plan layouts, data entry, detailing, design calculations, structural system modeling & analysis, quantity takeoffs, cost estimates, drafting, office organization, process organization, process improvements, and review of shop drawings.

KNOWLEDGE, SKILLS & ABILITIES:

Successful candidates have completed basic course work or have previous experience that would enable them to efficiently read, locate, interpret, and produce plans, details, specifications, and project schedules. Familiarity with applicable codes is helpful. Candidate must possess an understanding of civil and/or structural design concepts, and have strong organizational tendencies. Excellent verbal and written communication skills are required.

QUALIFICATIONS:

Must be enrolled in or recently graduated from an undergraduate degree program (interns may intern up to twelve months post-graduation), leading to a degree in civil, structural and/or other related disciplines of Engineering; and some experience and exposure to AutoCAD and MS Office.

PREFERRED QUALIFICATIONS:

Concentrated studies in civil or structural engineering are preferred.

APPLICATION REQUIREMENTS: see the website provided above.

ADDITIONAL INFORMATION:

In order to be eligible for an internship, applicants must be enrolled in school, about to enroll in school, or a recent graduate from an accredited degree program. Candidates must be able to maintain student status in an Undergraduate program throughout the duration of the internship unless recently graduated and are eligible for up-to twelve months post-graduation. Interns will be subject to all Port policies and procedures.

A valid Washington State Driver's License, or **the ability to obtain one**, is required. **(this just means you must already have a valid driver's license, it doesn't matter what state it comes from....i.e. you can't have had your drivers license revoked/in-active for any reason).**

This posting will close at 8:00pm PST on March 30, 2017