

# Barry Nyland

Civil Engineer

Efficient Civil Engineer and PE with 3+ years of experience and a passion for problem solving. Seeking to use strong design and project management skills to raise quality and cut lead times at Jandow & Bronson. At PFKK, completed 5 \$2 million projects, exceeding quality metrics by 15%.

## Experience

2016 - 2019	<b>Civil Engineer</b> <i>PFKK</i> <ul style="list-style-type: none"><li>Used project management best practices to complete 5 projects with budgets over \$2 million each.</li><li>Exceeded all quality metrics for structural design and construction by 15%+.</li><li>Delivered most jobs 3 days ahead of schedule.</li><li>Cut supply costs 12% through strict vendor management. Delivered all jobs 10% under budget.</li></ul>
2015 - 2016	<b>Civil Engineer Experience</b> <i>Various</i> <ul style="list-style-type: none"><li>Consulted on municipal design of school for disabled children in Namibia.</li><li>Performed forensic investigations of 3 damaged commercial office buildings.</li><li>Designed local sports field and 3 buildings with seating for 1,000.</li></ul>
2015	<b>Civil Engineering Internship</b> <i>Trammler Bros. Construction</i> <ul style="list-style-type: none"><li>Created 15 structural designs with AutoCAD Civil 3D.</li><li>Performed requirements-gathering for \$3 million commercial construction job.</li></ul>

## Education

2011 - 2015	<b>BS Civil Engineering, California State University</b> <ul style="list-style-type: none"><li>Maintained 4.0 average in structural design coursework.</li><li>Senior project in ETABS was written up in ASCE News.</li></ul>
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## PMP Certification

PMP, California State University

## Conferences

2018	ASCE Convention, spoke on panel about project management
2017	ASCE Convention

## Publications

2018	Article on STAAD featured in <i>ASCE Magazine</i>
2017	Spoke about AutoCAD on <i>The Civil Engineering Podcast</i>

## Additional Activities

- Member, ASCE
- Head of local sea kayaking group, raised membership 60%

## Personal Info

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<b>Twitter</b>	twitter.com/barryznyland

## Skills

Project management	<div><div></div><div></div><div></div><div></div><div></div></div>
AutoCAD	<div><div></div><div></div><div></div><div></div><div></div></div>
STAAD Pro	<div><div></div><div></div><div></div><div></div><div></div></div>
Autodesk Revit	<div><div></div><div></div><div></div><div></div><div></div></div>
ETABS	<div><div></div><div></div><div></div><div></div><div></div></div>
Structural design	<div><div></div><div></div><div></div><div></div><div></div></div>
Problem solving	<div><div></div><div></div><div></div><div></div><div></div></div>
Critical thinking	<div><div></div><div></div><div></div><div></div><div></div></div>
Communication	<div><div></div><div></div><div></div><div></div><div></div></div>
Interpersonal skills	<div><div></div><div></div><div></div><div></div><div></div></div>
Collaboration	<div><div></div><div></div><div></div><div></div><div></div></div>