

# Barry Nyland

## Civil Engineer

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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

### Civil Engineer

*PFKK*

- Used project management best practices to complete 5 projects with budgets over \$2 million each.
- Exceeded all quality metrics for structural design and construction by 15%+.
- Delivered most jobs 3 days ahead of schedule.
- Cut supply costs 12% through strict vendor management. Delivered all jobs 10% under budget.

2015 - 2016

### Civil Engineer Experience

*Various*

- Consulted on municipal design of school for disabled children in Namibia.
- Performed forensic investigations of 3 damaged commercial office buildings.
- Designed local sports field and 3 buildings with seating for 1,000.

2015

### Civil Engineering Internship

*Trammel Bros. Construction*

- Created 15 structural designs with AutoCAD Civil 3D.
- Performed requirements-gathering for \$3 million commercial construction job.

## Education

2011 - 2015

### BS Civil Engineering, California State University

- Maintained 4.0 average in structural design coursework.
- Senior project in ETABS was written up in ASCE News.

## Additional Activities

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

## 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 *ASCE Magazine*

2017

Spoke about AutoCAD on *The Civil Engineering Podcast*