

# Sam Potts, EIT

20544 Ventura Blvd Apt 307, Woodland Hills, CA 91364 | SamL.Potts@yahoo.com | (818) 585-4469

## Work Experience

### MNS Engineers, Inc.

#### Associate Engineer

July 2019-present

- > Design and analysis of roadway corridors using AutoCAD Civil 3D
- > Manage subconsultant workflows and conduct quality control checks on plans
- > Prepare stage construction and traffic handling schematics and plans to minimize public inconveniences
- > Support proposals through conceptual planning and engineering, and assembly of presentation graphics

#### Assistant Engineer

June 2018-July 2019

- > Preparation of project reports and technical memorandums
- > Design and preparation of grading and retaining wall plans
- > Develop new company initiatives and standards for project quality and delivery
- > Identify and coordinate utility facilities dispositions and coordinate potholing efforts

#### Engineering Technician, Intern

June 2016-June 2018

- > Highway and roadway drainage design, including hydrologic and hydraulic analyses
- > Development of deliverables such as design exceptions summaries, SWDRs, and SWPPPs
- > Conduct quantity takeoffs and create cost estimates by integrating programming skills with AutoCAD

### Jacobs Engineering Group, Inc.

July 2015-May 2016

#### Project Engineer Intern

#### Sempra Energy Pipeline Safety and Enhancement Plan

- > Coordinate with project engineers and managers to close out over 150 projects totaling \$600 million
- > Track and push schedule-driven delivery of critical project deliverables
- > Verify material usage and completion of permits, environmental reviews, and community outreach
- > Develop process improvements based on procedural and organizational changes

## Education

### California State University, Northridge

#### Bachelor of Science, Civil Engineering

- > Expected Graduation: Spring 2018
- > GPA: 3.91
- > American Society of Civil Engineers chapter : 2017-2018 Treasurer

## Project Experience

### CSUN Concrete Canoe

Fall 2014-Spring 2018

#### Design Lead 2017-2018, Project Manager 2016-2017, Mix Lead 2015-2016

- > 3-D modeling and discretization for structural analysis, construction engineering of various features
- > Design and test concrete mixes to reduce density by 15%, while maintaining adequate strengths
- > Manage and collaborate with team members to execute deliverables for scheduled deadlines
- > Prepare training presentations, workflows, and webinars to facilitate knowledge transfer to future teams
- > Construction and detail of the canoe for presentation and racing at Pacific Southwest Conference (PSWC)
- > 3rd place at PSWC 2017: 1st place Final Product, 2nd place Design Report, 3rd place Oral Presentation
- > 2nd place at PSWC 2018: 2nd place Final Product, 2nd place Design Report, 3rd place Oral Presentation