

Mark Cayan

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Education

California State Polytechnic University Pomona, Pomona, CA

Anticipated Spring 2022

Bachelor of Science; Major: Civil Engineering; General Civil Engineering Option

GPA: 3.42

Work Experience

Fenagh Engineering and Testing, Rancho Cucamonga, CA

Engineering Student Intern

- Concrete/Grout/Mortar testing
- Cal Trans specialty testing
- Review and prepare engineering reports/lab results
- Review field reports from inspectors

Coursework

AutoCAD

Materials Science

Engineering Economics

Engineering Statics

Technical Communication

General Chemistry

Engineering Dynamics

Mechanics of Materials

Physics I, II

Calculus I, II, III

Differential Equations

Linear Algebra

Skills

- AutoCAD, Civil 3D, SAP 2000, Revit, Solidworks
- Microsoft Office: Excel, PowerPoint, Word
- Teamwork ability
- Customer Service / Communication Skills

Involvement

Steel Bridge

Team member

- Assist with fabrication of bridge
- Collaborate with over 20 other student members on best ways to build bridge for PSWC Steel Bridge Competition

Fabrication Captain

- Responsibility of teaching new members how to use various tools and machinery
- In charge of TIG and MIG welding for bridge
- Organize/catalog created parts/ find ways to get other members more involved

ASCE

Student member

- Attend bi-weekly general meetings

