ARIEL CHEN

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EDUCATION:

California Polytechnic State University
September 2017 - Present
Bachelor of Science in Computer Science
Projected graduation date: June 2021

PROJECTS:

- >Dynamic Analysis of Buckling Restrained Braces

The project aims at designing and fabrication of two Buckling Restrained Braces which were analyzed under dynamic loading. As alternative for conventional braces, these BRBs are also beneficial for seismic retro-fitting in RCC and steel structures.

- >Indirect Model Analysis of Structures

Presented a Seminar on Indirect Model Analysis, explaining the method to compute response of Prototype from the Influence lines obtained from Model. Use of Muller Breslau Principle in Indirect Model Analysis and the Similitude between prototype and model.

- >Microtunneling

Presented a seminar on Micro Tunneling, explaining its advantages over conventional method of drainage laying systems. Analysis considering direct and indirect cost of micro tunneling was also discussed.

JOB EXPERIENCE:

SJ Contracts, Pune
June 2016
Site Engineer :

- On-site internship under this leading construction company. Learned and implemented various aspects such as quantity estimation, labour management and safety precautions.

EXTRACURRICULARS:

Women in Software and Hardware -> ***October 2017 - Present***

Society of Women Engineers -> ***January 2018 - Present***

COURSEWORK EXPERIENCE:

CSC 482 - NLPCSC 430 - Programming Languages

CSC 480 - Artificial IntelligenceCSC 421 - Security

CSC 466 - KDDCSC 481 - Human Computer Interaction

SOFT SKILLS:

Leadership | Teamwork | Learns quickly

TECHNICAL SKILLS:

Python | Javascript