

JOSHUA GROENHEIM
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EXPERIENCE

JUNE 2020 – AUGUST 2020

INTERN - GEOMAT TESTING LABORATORIES, INC.

Worked under the direction of Senior Engineer on various soil and material testing procedures for a diverse set of clientele. Tests include Sieve Analysis, Index Properties, and Shear Strength Testing for Soil Specimens as well as slump, soundness, and LA Abrasion Tests on Aggregate.

AUGUST 2020 – CURRENT

AMAZON FULFILLMENT CENTER PROCESS ASSISTANT- AMAZON.COM, INC.

Manage flow and processing responsibilities at largest Amazon Fulfillment Center (LGB3) on the West-Coast by volume of goods. Supervise and evaluate approximately 80 associates at a time. Discuss safety and working concerns with employees and seek to improve all aspects of warehouse efficiency through employee and logistical management.

EDUCATION

CIVIL ENGINEERING, B.S. - GENERAL CIVIL ENGINEERING, CAL POLY POMONA

❖ Expected Graduation Date – December 2021

❖ In process of obtaining E.I.T. Certification (Expected August 2021)

SKILLS

- Comprehensive MicroStation and InRoads Experience
- AutoCAD and Civil 3D Proficient
- Synchro 10 Experience
- Level of Service Analyses - (HCS & ICU Methodologies)
- MS Office 365 Experience in Outlook, Excel, Word, and PowerPoint
- Caltrans HDM Adherence Experience
- Design & Drafting of Horizontal and Vertical Roadway Alignments
- Culvert and Drainage Design

RESEARCH AND ORGANIZATIONS

Senior Research Project – Puddingstone Reservoir Remediation: 01/2021 – Current

- Evaluated existing records of water quality to propose engineering restoration alternatives (solar aerators, rehabilitation channel, focused dredging) to improve the Reservoir for the greater public.
- Assisted in developing reporting strategies to ensure CEQA and NEPA compliance in Environmental Impact Reporting.
- Collaborated with teammates for a period of 6 months to develop comprehensive technical report and presentation to be presented to industry experts, faculty advisors, and CPP Civil Engineering Senior Project Symposium.

Member – CPP Kellogg Honors College - 08/2018 – Current.

Member – CPP American Society of Civil Engineers Student Chapter - 08/2018 – Current