Melissa McGrath
Software Engineer

LOS ANGELES, CA | (925) 640-5162 | melissam640@gmail.com

LinkedIn www.linkedin.com/in/melissa-mcgrath | **GitHub** https://github.com/melissam640

TECHNICAL SKILLS

Languages Python | JavaScript | AJAX | JSON | HTML | CSS | SQL

Frameworks & Libraries Flask | Jinja | SQLAlchemy

Database & Industry Tools PostgreSQL | Git | GitHub | Command Line

EDUCATION

Hackbright Academy, San Francisco, CA — *Software Engineering Fellowship*
FEBRUARY 2024 - MAY 2024

Cal Poly, San Luis Obispo, CA — *Bachelor of Science, Construction Management*
SEPTEMBER 2015 - JUNE 2019

- CM Honors Society Member
- Women in Construction Club Officer 2018-2019

PROFESSIONAL EXPERIENCE

Hackbright Academy, San Francisco, CA — *Student Engineer*
FEBRUARY 2024 - MAY 2024

TotalView [https://github.com/melissam640/totalview.git]

- TotalView is a productivity app that allows a user to create traditional calendar events, routines with repeating sets of actions, and one-time or recurring task lists. Created with a focus on supporting varying attention abilities, a user can view their entire day, mark items as complete, and schedule new items all on a single page. Using FullCalendar API, a user can also view their monthly and weekly schedule. A user's schedule is easy to view at a glance with the ability to set custom colors for each item on their schedule. For added visibility and customization, a user can also toggling between light and dark mode and set a preferred color for main buttons and navigation links.

Bernards Builders, Los Angeles, CA — *Senior Project Engineer*
JULY 2019 - AUGUST 2023

- Organized and controlled project elements for 8 structural and finish trades from pre-construction to punchlist (project completion process) on an $120M multi-family project
- Coordinated communication between the design team and subcontractors through meetings and jobsite walks to resolve conflicts and field issues
- Managed interns by providing mentorship on construction processes, directing work assignments, and conducting periodic performance reviews

Herrero Builders, San Francisco, CA — *Project Engineer Intern*
JUNE 2017 - AUGUST 2017 & JULY 2018 - SEPTEMBER 2018

- Authored formal requests for information (RFIs) by collaborating with field team to clarify details and requirements of the project
- Maintained punchlist by documenting pending construction items and overseeing their resolution to work towards project completion