# **OLIVIA SMITH**

## **Traffic Engineer**





### PROFESSIONAL SUMMARY

With 7 years of dedicated experience in traffic engineering, I specialize in optimizing urban traffic flow through advanced simulation and analysis. My expertise includes developing traffic management plans, conducting impact studies, and recommending effective mitigation strategies. I aim to leverage my technical acumen and project management skills to enhance transportation infrastructure and ensure community safety.

#### **WORK EXPERIENCE**

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- Develop traffic models to analyze and improve traffic flow and safety.
- Conducted traffic impact studies, developed temporary traffic control plans, and analyzed accident data for both public and private projects.
- 3. Conduct traffic studies to assess current and future transportation needs.
- Collaborated on a project for a medical office building, conducting capacity analyses for current and future traffic conditions.
- 5. Assessed the need for additional turn lanes based on traffic analysis results, recommending mitigation measures per city guidelines.
- 6. Presented comprehensive traffic management strategies to stakeholders, ensuring alignment with city regulations.
- 7. Monitored and evaluated ongoing traffic conditions to inform future infrastructure improvements.

Traffic Engineer

@ Jan / 2018-Jan / 2020

Crescent Moon Design

# Portland, OR

- 1. Managed traffic engineering projects, including reading and interpreting capacity plans and forecasts for various cities.
- 2. Prioritized traffic orders based on utilization reports, ensuring efficient resource allocation for T1 and DS3 circuits.
- 3. Created and maintained Excel spreadsheets to track project progress and shared updates with project managers.
- 4. Conducted regular conference calls to discuss project statuses, facilitating effective communication among team members.
- Analyzed traffic patterns to support decision-making on infrastructure improvements.

### **EDUCATION**

## Bachelor of Science in Civil Engineering

🛗 Jan / 2016-Jan / 2018

University of California, Berkeley

■ Denver, CO

Focused on transportation engineering, traffic flow theory, and urban planning.

## **SKILLS**

Traffic Flow Management Traffic Simulation Software Traffic Impact Analysis Transportation Planning

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## **ACHIEVEMENTS**

🆫 Successfully reduced traffic congestion by 30% through optimized traffic signal timing in a major urban corridor.

Led a team in conducting comprehensive traffic impact studies that informed city planning decisions for new developments.