TIMOTHY BLACK

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black-tea.github.io

EDUCATION

University of California, Los Angeles
Master of Urban Planning
Concentration: Transportation Policy & Planning

California Polytechnic State University, San Luis Obispo
B.A. Political Science, Summa cum laude
Minor: Economics

WORK
EXPERIENCE

Vision Zero Lead Data Analyst
LA Department of Public Health & Los Angeles Department of Transportation / Los Angeles, CA
• Developed PostgreSQL database to organize LADOT spatial data
• Authored python scripts for data analysis and evaluation of engineering projects
• Translated data insights into recommendations for city and state level policies regarding Vision Zero
July 2015–Present

Project Analyst
Xerox / Los Angeles, CA
• Managed the expansion of the City's ExpressPark to Westwood Village in Los Angeles
• Developed automated SQL-based reports for the LADOT parking enforcement program
June 2014–July 2015

Graduate Student Researcher
UCLA Lewis Center of Regional Policy Studies / Los Angeles, CA
• Compared Multimodal LOS indices for Complete Streets Initiative
• Analyzed Caltrans Freeway Perfomance Management System (PeMS) data from "Carmageddon II"
• Drafted reports and policy briefs, prepared relevant charts and figures
Jan. 2013–June 2014

INDIVIDUAL
RESEARCH

• Transportation impact analysis for implementation of California SB 743
• Capital cost comparison of recent BRT projects in the United States
• Cal Poly senior project research on the effectiveness of the urban growth boundary in Portland, Oregon
• Simulation analysis on the effect of timed bus stops on on-time performance using SLO RTA data

POSTER
PRESENTATIONS

Annual Meeting of the Transportation Research Board, January 2015
Redefining Transportation Impact: Comparison of Emerging Methodologies

Annual Meeting of the Transportation Research Board, January 2014
What's a Passing Grade? Comparing Multimodal Level of Service Performance Indicators

University of California Transportation Center Student Conference, April 2013
Carmaheaven, Apocalypse Averted: An Analysis of Travel Behavior During "Carmageddon II"

AWARDS

UCLA Institute of Transportation Studies Fellowship
2012-2014

SKILLS

Microsoft Office Suite, Adobe Suite
ArcGIS, SQL, Python, R