csdiehl16@gmail.com
csdiehl.github.io
435-659-9184

https://www.linkedin.com/in/caleb-diehl-a93a6984/

https://github.com/csdiehl

SKILLS

Programming Languages	Javascript (React), HTML / CSS, SQL, R, Python (scikit-learn, geopandas)
Visualization and Design	Tableau, Leaflet.js D3.js, Adobe Creative Suite, Sketch, responsive design & mobile first, web accessibility standards
Testing Frameworks	Mocha, Chai
Version Control	Git & Github

COURSES

Machine Learning for civil engineers

Computational Thinking for governance analytics

CSE 512: Data Visualization

EDUCATION

Master of Urban Design & Planning
University of Washington
Urban Informatics Specialization
GPA: 3.87 | 2019-2021

Bachelor of Arts in History
Lewis & Clark College
Economics Minor
Departmental honors, cum laude
GPA: 3.76 | 2012 - 2016

CALEB DIEHL

MASTER OF URBAN DESIGN & PLANNING
URBAN INFORMATICS SPECIALIZATION

EXPERIENCE

TRANSIT DATA ANALYST, IBI GROUP | JUNE 2021 - PRESENT

- Developed dashboards using React.js and transit APIs to visualize GTFS, census data, and other common planning datasets.
- Conducted mapping, geospatial analysis, and statistical modeling in Python to forecast transit ridership and market share.
- Wrote Python and SQL scripts to save hours of processing time for billions of smart card travel records.
- Consulted with transit agency clients on software system architecture and testing

RESEARCH ASSISTANT, URBAN FREIGHT LAB
UNIVERSITY OF WASHINGTON | FEB. 2020 - JUNE 2021

- Cleaned, manipulated, and analyzed complex and unstructured transportation datasets in Python, R, and ArcMap.
- Developed econometric regression models to demonstrate more than 50% time savings from common carrier lockers for Department of Energy-funded project.
- Built discrete event simulation in R to optimize common parcel locker performance.
- Managed data collection project with 13 staff over 3 months.
- Interviewed 28 technology and policy representatives and served as lead author for reports on curb space management technologies and data standards.

PEDESTRIAN PROGRAMS INTERN
SEATTLE DEPARTMENT OF TRANSPORTATION | OCT. 2019 - FEB. 2020

- Created maps and graphics using ArcMap and Adobe Illustrator.
- Conducted geospatial analysis using transportation datasets in ArcGIS.

AWARDS

2018 EXCELLENCE IN JOURNALISM AWARD
Society of Professional Journalists Northwest

R.B PAMPLIN CORPORATION SCHOLARSHIP
Two Students in top 10% of Class of 2016

LEADERSHIP & SERVICE AWARD
Lewis & Clark College, 2012 - 2016