

# Shawn Leonard

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LinkedIn: <https://www.linkedin.com/in/shawn-leonard-004592217/>  
Portfolio: <https://lenny400.github.io/portfolio-v2/>

**Summary:** Data Science graduate with expertise in data analysis, web development, and statistical modeling. Proficient in a broad range of software tools and skilled at self-directed learning. Intermediate Japanese speaker, adding value in multilingual environments.

## EDUCATION

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**University of Washington** – Seattle, WA  
Bachelor of Arts in Geography: Data Science, Minor in Informatics

*Sept 2020 - June 2024*  
GPA: 3.5

## TECHNICAL SKILLS

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**Data Analysis:** Microsoft Excel, SQL, Python, R, Azure Data Studio, PostgreSQL

**Software Development:** React.js, JavaScript, HTML, CSS

**GIS:** ArcGIS Pro, AGOL, QGIS, Google Earth Engine

## PROJECTS

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### Sentiment Analysis Machine Learning

- **Engineered features using dataframes and trained logistic regression models** to predict Amazon item review sentiment.
- **Analyzed model coefficients** to assess feature importance and made sentiment predictions for new reviews.
- **Evaluated classifier performance** with confusion matrices and compared multiple logistic regression models for optimal results.

### Seattle Collision Heatmap

- **Processed and cleaned dataset** from the Seattle Department of Transportation using Python's GeoPandas library, resulting in a structured and analysis-ready dataset.
- **Developed an interactive heatmap** using the Mapbox API to visualize spatial data, effectively displaying vehicle collision severity across Seattle.
- **Enhanced user experience** by implementing functionality for dynamic date range adjustments, enabling real-time updates to displayed data based on user input.

## EXPERIENCE

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**Volunteer Front-End Developer** – Seattle, WA

*March 2022 - June 2024*

Organization: *ReThink @ UW*, <https://www.rethinkuw.org/>

- Crafted and enhanced dynamic web and mobile interfaces using React, CSS, and Firebase to drive engagement for eco-friendly businesses and foster sustainability.
- Engineered comprehensive business sign-up forms, high-converting landing pages, and intuitive search functionalities, closely aligning with UI/UX and research team guidelines to ensure optimal user experience.
- Mastered version control through Git and streamlined project workflows using Trello, which facilitated smooth collaboration and timely delivery of features.

**Information Technology Specialist** – Seattle, WA

*March 2022 – June 2022*

Organization: *University of Washington*

- Enhanced Adobe Suite functionality for over 300 users by providing proactive technical support and troubleshooting, resulting in fewer reported issues and higher user satisfaction.
- Handled over 50 support tickets per week, resolving issues efficiently to maintain high user satisfaction.
- Delivered effective management and maintenance of an equipment checkout database, improving equipment tracking accuracy and ensuring availability for all users.

**Sales Associate** – Seattle, WA

*March 2023 - Present*

Organization: *Shiga's Imports*, <https://shigasimports.com/>

- Managed product database and conducted inventory tracking using advanced Excel functions, ensuring accurate item counts and efficient stock management.
- Successfully sold \$45,000 worth of merchandise, demonstrating strong sales skills and customer service.
- Created over 100 product displays to tailor designs based on seasonal trends, time of year, and customer preferences, significantly boosting customer engagement and sales.