

# JUSTIN (MINSEO) SEO

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## EDUCATION

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### University of California - San Diego

August 2023 - December 2025

Bachelor's, Data Science

- Machine Learning & Artificial Intelligence (AI)

### De Anza College

August 2021 - June 2023

Certification, Computer Science

## SKILLS

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- Skills:** Natural Language Processing (NLP), Machine Learning, Artificial Intelligence (AI), Deep Learning, Linear Regression, Feature Engineering, regex, Decision Trees, Cross-Validation, Data Visualization, Data Analytics, SQL, Python, Pandas, c++, Java, Jupyter, Jupyter Notebook, Data Modeling, PostgreSQL, PGAdmin, ER Diagramming, Normalization
- Languages:** Korean

## PROJECTS

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### Understanding Well-Being: How Demographic and Behaviors Shape Health

La Jolla, San Diego, CA, USA

Exploratory data analysis (EDA)

January 2024 - March 2024

- Discovered critical relationships between health and demographics by leveraging predictive models, including regression and random forest, through a detailed examination of behaviors and characteristics using a Kaggle dataset.
- Improved data reliability by conducting comprehensive exploratory data analysis (EDA), ensuring quality through thorough cleaning and preprocessing to address inconsistencies and missing values.
- Uncovered significant data trends by conducting statistical analysis, focusing on key descriptive measures including mean, median, and standard deviation, enhancing the overall understanding of the dataset.
- Produced scatter plots, box plots, and histograms, improving data analysis outcomes by effectively visualizing patterns and correlations.
- Conducted in-depth feature analysis to identify significant features influencing health outcomes, which informed the selection of variables for predictive modeling.
- Maximized the effectiveness of the research study by translating EDA findings into actionable insights through engagement with team members.
- [Link to project](#)

### Energy and Intelligent Electrification

La Jolla, San Diego, CA, USA

Project Leader

September 2023 - December 2023

- Identified innovative strategies for enhancing energy efficiency and promoting intelligent electrification, contributing to campus-wide decarbonization initiatives.
- Analyzed UCSD's advanced microgrid and combined heat and power (CHP) systems, resulting in a comprehensive evaluation of energy savings and carbon emission reductions.
- Improved energy efficiency and cost-effectiveness by researching and proposing enhancements to existing systems, including the addition of CHP units.

## WORK EXPERIENCE

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### Vons Chicken

Sunnyvale, CA, USA

Restaurant Server

September 2020 - September 2021

- Improved team collaboration and workflow efficiency by facilitating effective communication with team members to coordinate service and manage customer needs efficiently.

### Somi Somi

Cupertino, CA, USA

Restaurant Server

February 2019 - August 2020

- Contributed to the successful launch of SOMISOMI Cupertino as a starting team member during the store's grand opening in February 2019 by participating in all aspects of store operations and customer service.
- Boosted customer engagement through personalized service by communicating menu details and suggestions, taking and serving orders, and ensuring a clean dining environment at SOMISOMI Cupertino.