LIAM JOHNSON

Analytics Enthusiast | Data Science | Problem-Solving

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SUMMARY

An ambitious data aficionado eager to apply knowledge in descriptive, predictive, and prescriptive statistics to practical challenges. Excels in data preparation, analysis, and presenting findings in an understandable manner. Aspires to shape sustainable, accessible, and inclusive business practices through data science. Skillset includes Python, R, SQL, and statistical modeling, with a goal to drive real accountability and professional growth in a supportive team environment.

EXPERIENCE

Data Analysis Volunteer

Open Data Initiative

📅 02/2023 - Present   📍 San Diego, California

- Analyzed over 1TB of open-source datasets to identify key trends and patterns, contributing to three major public research projects.
- Employed statistical methods to clean and prepare data, enhancing the quality of information available to community stakeholders.
- Created compelling visualizations using Tableau that increased the comprehension of complex data sets for non-technical audiences.
- Presented findings to a team, enhancing strategic discussions and enabling data-driven decision-making for upcoming initiatives.
- Collaborated with cross-functional groups to align data analysis outcomes with organizational goals, resulting in optimized data resources for public use.

Project Contributor

Code for America

📅 01/2023 - 02/2023   📍 San Diego, California

- Contributed code to a civic tech project, addressing local issues and positively impacting 10,000+ residents.
- Participated in hackathons, developing solutions for data-driven challenges faced by non-profits in San Diego area.
- Assisted in the research and development of algorithms that improved service delivery efficiency by 15%.
- Engaged in peer reviews and collaborative problem-solving sessions to enhance project outcomes.

VOLUNTEERING

Data Analyst Volunteer

San Diego Data Science Group

📅 01/2023 - Present

Supporting the non-profit community with data insights to drive social change initiatives.

- Processed and analyzed survey data from local social programs to assess impact and efficacy.
- Led the development of an interactive dashboard to help visualize community needs and resource distribution.
- Organized data collection drives that increased available information for analysis by 20%.
- Facilitated workshops to teach basic data literacy to other volunteers.

EDUCATION

Bachelor of Science in Computer Science

University of California San Diego

📅 01/2019 - 01/2023   📍 San Diego, California

KEY ACHIEVEMENTS

⭐ **First Place in Local Hackathon**
Led a team to win a local hackathon by developing an app for optimizing city transport routes, affecting 30,000+ daily commuters.

🪄 **Data Visualization Recognition**
Received accolades from a community organization for designing a visualization that elucidated key insights from complex demographic data.

🚩 **Academic Scholarship Recipient**
Awarded a prestigious academic scholarship for excellence in computer science studies during my Bachelor's degree.

☆ **Contributor to Non-Profit Success**
Analysis of community survey data led to a 25% increase in funding for key social programs in San Diego.

SKILLS

Data Analysis   Statistical Modeling

Machine Learning   Python   R   SQL

LANGUAGES

English
Native

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Spanish
Intermediate

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