

Chase S. Oden

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Skills

- Advanced experience in Python, Git, Pandas, NumPy, Sklearn, Unix
- Intermediate experience in JavaScript, HTML, CSS, Java, SQL, Microsoft Excel
- Familiar with PySpark, PyTorch, TensorFlow, Cassandra, Redis, MongoDB, C++, C#, Linux Ubuntu, Tableau, R, Hadoop, MATLAB, Docker, AWS
- Strong ability to convey complex information visually and verbally

Experience

Voytek Lab UCSD - Data Science Undergraduate Research Assistant

March 2020 – Present

- Skills used: Python, Pytest, Pandas, NumPy, Sklearn, Jupyter Notebooks, Matplotlib, Seaborn, HTML, JS, CSS.
- Cleaned data, performed ETL, created pipelines, and ran tests on predictive models analyzing human reaction data.
- Worked in an Agile development team to analyze and present statistically significant information from a large human reaction dataset using Pyplot, Matplotlib, and Seaborn.
- Applied t-tests, p-value tests, Pearson correlations, and model selection to make inferences from analyzed data.

Engage Advertising – Social Marketing Data Analyst

July 2020 – Present

- Skills used: Python, Pandas, NumPy, Pyplot, Matplotlib, Seaborn, Excel, JSON, Google Tag Manager.
- Coordinated Rockstar Energy with CD Projekt Red to launch a website marketing Rockstar Energy products with CD Projekt Red's video game Cyberpunk2077.
- Worked with the CD Projekt Red web development team on overall design and functionality choices for a website serving over 7,000 users daily.
- Analyzed unstructured data from website activity to determine the audience most recipient to the Rockstar Energy promotion and provided insight into successful and unsuccessful features using Pandas, NumPy, Matplotlib, and Seaborn.

UCSD - Data Science Tutor

September 2019 – January 2020

- Skills used: Python, Pandas, NumPy.
- Helped to create assignments, reading quizzes, and labs that went into use during the quarter.
- Held office hours and helped students understand lecture material and debug their coding assignments.

J-Cube & Associates - Engineering Intern

July 2017 - September 2018

- Skills used: Creo Parametric, Python, Pandas, NumPy.
- Created 200+ drawings based on 3D CAD models that later went into production.
- Modified 100+ existing models within required specifications that were used in various assemblies.
- Management discussion regarding stylizing designs and clarification, resulting in a change of standards.

Education

University of California, San Diego

- Bachelor of Science in Data Science, December 2020
- 3.3 Overall GPA

Accomplishments

UCSD 2019 Datathon Winner for OmniSci Category

April 2019

- Analyzed a Google Local dataset, creating a map of average business reviews around the world. Performed NLP to acquire sentiment analysis on business reviews.
- Cleaned and presented analyzed data through OmniSci's web platform, turning the analyzed data into a succinct and appealing visual presentation.

UCSD Climbing Team Roster Website

Jun 2019 – December 2020

- Created a robust attendance-taking website using a Firebase database to track attendance of the UCSD Climbing Team.
- Recommends team management actions based on club member attendance statistics.