Dylan Ton

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EDUCATION

California State Polytechnic University, Pomona   Aug 2021 – May 2025

B.S., Business Administration: Computer Information Systems (3.8 GPA); President's Honor List

- **Courses:** Database Design and Development, Statistics for Business Analytics, Databases and SQL for Data Science with Python, Data Analysis with R Programming, Python Programming for Business Analytics, Management Information Systems, Business Intelligence
- **Active Leadership Positions:** Management Information Systems Student Association (*Co-Director of Data Analytics*), Alpha Kappa Psi (*Co-Vice President of Professional Development*), CCIDM (*Lead Web Design & Media Analytics Intern|Research Assistant*)

PROFESSIONAL & LEADERSHIP EXPERIENCE

Center for Customer Insights and Digital Marketing *(Web Design & Media Analytics Intern | Research Assistant)*   Jan 2023 – Aug 2023

- Developed 3 interactive dashboards using ShinyR for website data visualization, presenting comprehensive analyses of Super Bowl ads through bar charts, histograms, and scatter plots for regression analysis
- Oversaw and maintained filesystem on Cascade CMS for the Center for Customer Insights and Digital Marketing website, managing content across 120+ pages, and promoting Cal Poly Pomona's Marketing programs
- Facilitated workflow and fostered collaboration through communication channels with superiors and colleagues using Microsoft Teams, Outlook, and Google Workspace, bridging gaps across multidisciplinary teams

Big Data and Cloud Computing Apprenticeship   Feb 2022 – Apr 2023

- Gained practical experience with AWS, GCP, and Azure through 16 labs, crafting static websites using HTML, facilitating VM-database integration, and executing SQL queries to enhance cloud service proficiency
- Utilized AWS RDS, MySQL Workbench, Tableau, and R to analyze over 450 rows of data, create 20 complex SQL queries, and generate 51 visualizations, comparing 17 variables to uncover cinematic trends affecting box office revenue over a span of 20 years
- Conducted data analysis through statistical methods, visualizing confidence intervals and hypothesis tests with ggplot2 using R

COMPETITIONS

Information Technology Competition (1st Place) *Data Analytics Category*   Apr 2023

- Researched 5 causes of transformer degradation and identified 18 contributing factors to give relevant context for data analysis
- Analyzed a dataset of 100 rows detailing transformer failure causes and factors, using the insights to create data visualizations with Excel and Tableau that reinforced the credibility of our short-term Asset Health Index (AHI) based on the company's current data
- Developed a comprehensive data collection plan, boosting AHI accuracy and decreasing transformer failures by 45%

PROJECTS

Southern California Edison Solar Consultancy Project   May 2023

- Conducted secondary research on a solar EV station design aligned with Southern California Edison's goal of grid modernization
- Developed 20 data visualizations with Tableau utilizing 8 diverse datasets pertaining to Southern California Edison, providing actionable insights on target audiences, locations, and strategies for building the new solar system in the region in a span of 5 years
- Presented solar system idea and implementation strategy to 6 Southern California Edison stakeholders

Database Design, Development, & Data Analysis   May 2022

- Created a comprehensive data model by utilizing foreign and primary keys to establish relationships between 11 entities
- Normalized a dataset of 151 rows of data from Microsoft Excel and efficiently imported it into an SSMS database
- Demonstrated advanced SQL proficiency by effectively solving 12 complex problems, utilizing a range of techniques including aggregate functions, subqueries, and JOIN statements across 11 tables

SKILLS

- Databases & Data Modeling: SQL, SSMS, erwin Data Modeler
- Data Analysis & Programming: Python (Pandas, NumPy, MatPlotLib), R, SQL, Excel, Tableau, Java, HTML, CSS
- Cloud Services & Databases: EC2, S3, EMR, RDS, MySQL, MariaDB, Cloud9, BigQuery, Databricks, Watson Studio, DB2

CERTIFICATIONS

- Introduction to Data Science (Aug 2022), Google Data Analytics (Jul 2022), Analyze Business Data with SQL (Jul 2022)