

# Dylan Ton

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## EDUCATION

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**California State Polytechnic University, Pomona**

Aug 2021 – May 2025

**B.S., Business Administration: Computer Information Systems (3.8 GPA) Minor: Data Science**

- **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, Object-Oriented Programming with Java
- **Clubs:** Alpha Kappa Psi, Cal Poly SWIFT, Management Information Systems Student Association (MISSA)
- **Awards:** Alpha Lambda Delta Honor Society (January 2022), President's Honor List (2022-Present)

## PROFESSIONAL & LEADERSHIP EXPERIENCE

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**Cal Poly Students with an Interest in Future Technology (SWIFT) Intern**

May 2022 – Present

- Developed a Debian 10 box for Troy High School Cybersecurity Competition (RvB) and implemented 4 vulnerabilities on open-ssh server and PostgreSQL in Linux machine for over 30 students
- Presented 3 informative and engaging presentations on complex technical topics (Linux, Penetration Testing)
- Initiated a study guide requirement for weekly workshops to enhance member learning experience which led to an 81% increase in member retention rate

**Big Data and Cloud Computing Apprenticeship**

Feb 2022 - Present

- Attained hands-on experience with AWS, GCP, and Azure services by completing 16 labs, and creating virtual machines, static websites, and SQL databases on each cloud service
- Completed a project utilizing AWS RDS, MySQL Workbench, and Tableau to analyze over 450 rows of data and compare 17 different movie factors between 1999 and 2019 in relation to gross revenue
- Analyzed public dataset on crime using basic SQL statements (clauses, aggregate functions) on BigQuery

**Alpha Kappa Psi Mu Pledge Class (Vice President)**

Sep 2022 – Nov 2022

- Competed in 2 profitability case study competitions, utilizing SWOT analysis, financial modeling, and data analysis to evaluate business performance and identify areas for improvement
- Developed and designed 21 data visualizations using Excel and Tableau, effectively communicating business, marketing, and operations strategies to stakeholders in a visually appealing and understandable manner
- Led a team of 26 members to plan successful events on campus within 1 week, demonstrating strong leadership skills

## PROJECTS

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**Database Design, Development, & Data Analysis**

May 2022

- Designed a data model by connecting 11 entities through foreign and primary keys
- Normalized and inserted 151 rows of data from Microsoft Excel into SSMS database
- Solved 12 advanced SQL questions (aggregate functions, subqueries, JOIN statements) across 11 tables

## SKILLS

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- **Databases:** SQL, SSMS, erwin Data Modeler, Database Design, Data Modeling
- **Data Analysis Tools:** Microsoft Excel, Python (Pandas, NumPy, Matplotlib), R, SQL, Tableau
- **Programming Languages:** SQL, Python, HTML, R, Java
- **Cloud Software:**
  - AWS (EC2 Instance, S3 Bucket, EMR, RDS, MySQL, Cloud9)
  - GCP (Buckets, Linux, BigQuery)
  - Azure (Databricks, Static websites, SSMS)
  - IBM Cloud (Watson Studio, DB2)

## CERTIFICATIONS

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- **Technical:** Introduction to Data Science (Aug 2022, IBM), Google Data Analytics (Jul 2022, Google), Analyze Business Data with SQL (Jul 2022, CodeAcademy)

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