

Christopher Ton

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EDUCATION

Master of Science, Data Analytics – San Jose State University	Expected 05/2023
Bachelor of Science, Statistics - University of California, Davis	06/2020

TECHNICAL SKILLS

Programming: Python, R, SQL	Libraries: Tidyverse; NumPy, Pandas, SciPy, Matplotlib, scikit-learn
Data Visualization: Tableau, Shiny, Streamlit	Tools: Git, Bash, Linux/Unix, Markdown, Excel

WORK EXPERIENCE

Tesla - Data Annotation Specialist	10/2020 - Present
<ul style="list-style-type: none">Performed image classification and annotation to assist Autopilot computer vision engineers with training deep neural networks, using labeling interface to collaboratively analyze with leads and junior analystsExceeded annotation evaluation metrics consistently by integrating weekly feedback, making note on edge casesEfficiently advanced to QA/mentorship role within 2 months, ensuring quality is met and up to standard	

Guardant Health - Data Analyst	06/2020 – 09/2020
<ul style="list-style-type: none">Developed an R Shiny dashboard to facilitate visualization & SQL queried insights from patient & prescription level data, continuously scaling the complexity weekly to accommodate 100,000+ patients in the databasePresented prototype to VP, product was adopted for internal use & medical affairsConducted survival analysis using Cox, Kaplan-Meier estimator, and log-rank tests for differences between comparable drugs and patient cohorts with usage durations lasting 125+ monthsEngaged in weekly data reviews and discussion regarding RWE and statistical analysis plans	

UC Davis

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| <ul style="list-style-type: none">Project Manager/QA, Bit Project | 04/2020 – 07/2020 |
| <ul style="list-style-type: none">Supervised the production and development of data science curriculum and projects across 8+ weeks for teams of up to 5+, led discussions topic from statistics and python/R to Machine Learning, facilitated tasks, literature review, and feedback cross-functionally with GitHub | |
| <ul style="list-style-type: none">Undergraduate Research Assistant, Prof. Seth Frey, Computational Communication Lab | 06/2019 – 09/2019 |
| <ul style="list-style-type: none">Performed bootstrapped distribution visualizations and data manipulation using Pandas and Matplotlib to uncover insights regarding the dynamic social environment of a basketball game | |

PROJECTS & AWARDS: [Devpost](#), [GitHub](#)

- StockViz** – web application using **Python** and **Streamlit** to fetch stock data, visualize historical closing price or volume patterns, and perform moving average calculations taken across 6 previous months
- COVID-19 Tracker** - award winning growth tracker **R Shiny** dashboard that visualized percentage change, recovery and mortality rates with user-defined bar plots, line plots and heat maps for 170+ countries (3400+ provinces) within a 60-day timeframe. Efficiently used **RapidAPI** and JHU CSSE's GitHub to retrieve data
- AggieForecasting** - Led a team of 4 students to develop an **R** dashboard for insights on cost-effective and sustainable energy usage (\$30 mil) spent on buildings with **ARIMA** time series forecasting up to 4 months
- Homelessness Analysis** - Leveraged predictive analysis such as polynomial regression with **Python** and **IBM Z** to optimize the CoC's federal budget allocation (\$86 mil) for 550,000+ homeless individuals across 400+ counties
- Data Science Hackathons: 1ST Place UC Davis Winery Datafest (2019), 3rd Place UC Berkeley Datathon for Social Good (2019), 2nd Place SacHacks Sacramento Kings Track (2020), 1st Place University of Virginia HooHacks (2020)