Christopher Ton

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EDUCATION

University of California, Davis	Expected Jun 2020
Bachelor of Science, Statistics – Data Science	
Incoming COOP Data Analytics Apprenticeship (Remote/Evenings)	Aug 2020 – Dec 2020

SKILLS

Programming: R (dplyr, tidyr, ggplot), Python (NumPy, Pandas, matplotlib, sci-kit learn), SQL
Frameworks: HTML/CSS, Plotly Dash, R Shiny
Other: Tableau, Git, Markdown, Jupyter, IBM Cloud

WORK EXPERIENCE

Guardant Health | Biostatistician/ Data Analyst Intern (12 Weeks) — Jun 2020 - Present
- Working with LUNAR – Clinical Development program

Bit Project | Data Science Manager — Apr 2020 – Present
- Supervised the production and development of data science-related curriculum and projects across 3 weeks for teams of up to 5 students. Topics ranged from intro statistics and beginner python programming to machine learning/AI
- Delegated weekly tasks and ensured that a systematic workflow was met with deadlines over zoom meetings
- Led integration of finalized lesson plans and presentations for nationwide remote access through collaboration and issue handling via GitHub.

UC Davis Computational Communication Lab | Undergraduate Research Assistant | Davis, CA — Jun 2019 – Sep 2019
- Analyzed over 6 decades of basketball game scores and identify trends in the evolution of team professionalism and player strategy to aid research with human decision behavior in complex social environments
- Researched data science methodologies to preprocess and manipulate data from web scraping and parsing of HTML code
- Developed debugging skills while exploring and implementing python packages such as NumPy, Pandas, and Matplotlib
- Collaborated with lead researcher to identify project goals and deadlines for 4 months of remote work, using Git to maintain project files and proper version control

Walmart Pharmacy | Clerk | Milpitas, CA — Aug 2017 – Nov2018
- Performed data entry with confidential patient and insurance information as well as maintain professional interaction regarding questions or concerns in regulation with HIPAA
- Collaborated under supervision of pharmacists and technicians to assist with pharmacy tasks such as communicating with partnering pharmacies and medical providers over the phone, prepare immunization documentations, prescription handling and point-of-sale transactions
- Maintain over-the-counter products to reduce theft and shortage by actively helping customers with locating items or addressing their concerns to the pharmacy

PROJECTS

COVID-19 Tracker | 1st Place @ HooHacks 2020 (Best Data Science Track)
- Deployed a visualization web dashboard to gain better insight on the growing number of global coronavirus cases
- Analyzed data retrieved from RapidAPI calls by wrangling with dplyr and modeling exponential growth in R
- Visualized percentage change, recovery and mortality rates with user-defined bar plots, line plots and heat maps for 170+ countries and 3400+ provinces within a 60-day timeframe

Homelessness Analysis | 3rd Place Winner @ UC Berkeley Datathon for Social Good 2019
- Leveraged predictive analysis such as polynomial regression to optimize the Continuum of Care's (CoC) federal budget allocation of $86 mil for more than 550,000 homeless individuals across 400+ U.S. counties
- Manipulated and joined over 5 datasets using Excel and performed analysis with Jupyter within IBM Z ecosystem
- Researched over a dozen municipal sources for data and prepared a PowerPoint presentation of statistical findings for financial discrepancies to IBM engineers and scientists